ARCTIC DATA COMPILATION AND APPRAISAL
VOLUME 11
Beaufort Sea: Biological Oceanography – Marine Zoobenthos 1914 to 1986

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Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

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Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

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BEAUFORT SEA: BIOLOGICAL OCEANOGRAPHY - MARINE ZOOBENTHOS

1914 to 1986

by

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ABSTRACT

P.F. Wainwright, B.D. Smiley and A. Blyth. 1987. Arctic Data Compilation and Appraisal. Volume 11. Beaufort Sea: Biological Oceanography-Marine Zoobenthos 1914-1986. Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 11) vii + 367p.

This inventory contains descriptions of marine zoobenthos data collections from the Beaufort Sea and Amundsen Gulf for the period 1914 to 1986. Sampling effort has been summarized by year, season and region in tables and maps. Laboratory experimental and chemical analytical data were excluded. Each data set has been appraised by examining any accompanying documentation for completeness, and the suitablility of sampling design and sample processing methods.

Keywords: Beaufort Sea, biological oceanography, data inventory, marine zoobenthos, data appraisal

SOMMAIRE

P.F. Wainwright, B.D. Smiley and A. Blyth. 1987. Arctic Data Compilation and Appraisal. Volume 11. Beaufort Sea: Biological Oceanography-Marine Zoobenthos 1914-1986. Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 11) vii + 367p.

Cet inventaire contient des descriptions des series de données des zoobenthos marines de la mer de Beaufort et le golf d'Amundsen pour la periode 1914 à 1986. L'effort d'echantillonage a été organise dans les tableaux et les cartes par l'année, la saison et la région. Les données experimentales du laboratoire et les analyses chemiques ont été éxclues. Chaque groupe de données a été évalue par éxaminer la documentation qui l'accompagne en vertu de la plenitude et la convenance du plan d'échantillonage et des methodes du traitment des échantillons.

Mots clefs: la mer de Beaufort, l'océanographie biologique, l'inventaire des données, les zoobenthos marines, l'évaluation des données.

PREFACE

These catalogues are produced by the Data Assessment Division at the Institute of Ocean Sciences and the Regulatory and Native Affairs Division at the Freshwater Institute. Joint government and industry contract projects have catalogued marine data sets, their focus being mainly on oceanography and fisheries. Data quality appraisals are included to assist in establishing the usefulness of given data for particular analyses or purposes. The ratings also determine the confidence that can be placed on interpretations incorporating those data.

The appraisals will assist in establishing priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses of the catalogues include the provision of the best available resume of marine data sources for research planning, environmental assessments, land use planning, regulatory approvals and operational procedures.

In the past, the pace of offshore development activity has emphasized the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. The review is a three-stage process: 1) compilation and appraisal of the existing data sets; 2) analysis of the suitability of existing data sets for contributing answers to questions of concern; and, 3) analysis and interpretation of data and estimation of scientific confidence in the answer to the particular question. This report on the macrozoobenthic data of the Canadian Beaufort Sea represents the results of the first phase.

Brian Smiley and Larry de March
Scientific Editors
Arctic Data Compilation and Appraisal Series

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CONTENTS

		Page
Abstract/Résumé		i
Preface		ii
Table of Contents		iii
List of Figures		v
List of Tables		v
Acknowledgements and Special Credits		vi
1.	Introduction	1
2.	Scope	2
3.	Study Area	4
4.	History of Sampling Effort	6
	4.1 Data Collection	6
	4.2 Taxonomy and systematics	8
5.	Outline of Data Inventory Organization	10
	5.1 Description of table headings and contents	10
	5.2 Sample use of the catalogue	11
6.	Data Quality Rating System	13
	6.1 Data quality	13
	6.2 Definition of the data rating system	13
	6.3 Data rating criteria	16
	6.3.1 Sample collection	16
	6.3.2 Sorting and/or splitting	17
	6.3.3 Sample fixation and/or preservation	17
	6.3.4 Specific analyses	17
	6.3.5 Taxonomic identification	18
	6.3.6 Precision and accuracy	18
	6.4 Some applications of the data rating system	19
	6.5 Effect of positioning, time of day, depth measurement and ice cover on data quality	20
	6.6 Some important factors relating to the data appraisal process	21
	6.6.1 Biases associated with sampling and sieving methods	21
	6.6.2 Influence of bottom substrate	21

6.6.3 Use of data for population or community level analyses 22
6.6.4 Use of data for examination of relations between biota and substrate 22
6.6.5 Influence of seastate, weather, and thickness of ice on interpretation of data 22

7. References 23

8. Data Inventory Table 1. Data Set Listing 34

9. Data Inventory Table 2. Listing of Data by Parameter 75

10. Data Inventory Table 3. Listing of Measurement Locations 246

11. Maps 280

11.1 Locations of marine zoobenthic sampling stations for bi-monthly periods 280
11.2 Locations of marine zoobenthic sampling stations, chronologically by data set I.D. number 287

12. Indices 327

12.1 Geographic index 327
12.2 Taxonomic index 329

12.2.1 Phyla index 329
12.2.2 Class index 332
12.2.3 Order index 335

12.3 Sampling method index 336
12.4 Measurement index 338
12.5 References by data set 340

Appendix I. Zoobenthic biota reported in the study area 355

LIST OF FIGURES

Figure 3.1 Common place names used in tables and text 5

Figure 4.1 All marine zoobenthos sampling stations in the Beaufort Sea and Amundsen Gulf 1914-1986 7

Figure 4.2 Zoobenthic sampling frequency histogram 8

Figure 4.3 Distribution and quality of measurement types 9

Figure 6.1 Data rating chart 14

LIST OF TABLES

Table 2.1 Collection methods within the scope of the marine zoobenthos compilation (Arctic Data Compilation and Appraisal Series). 3

Table 6.1 Criteria not applicable to certain measurements 15

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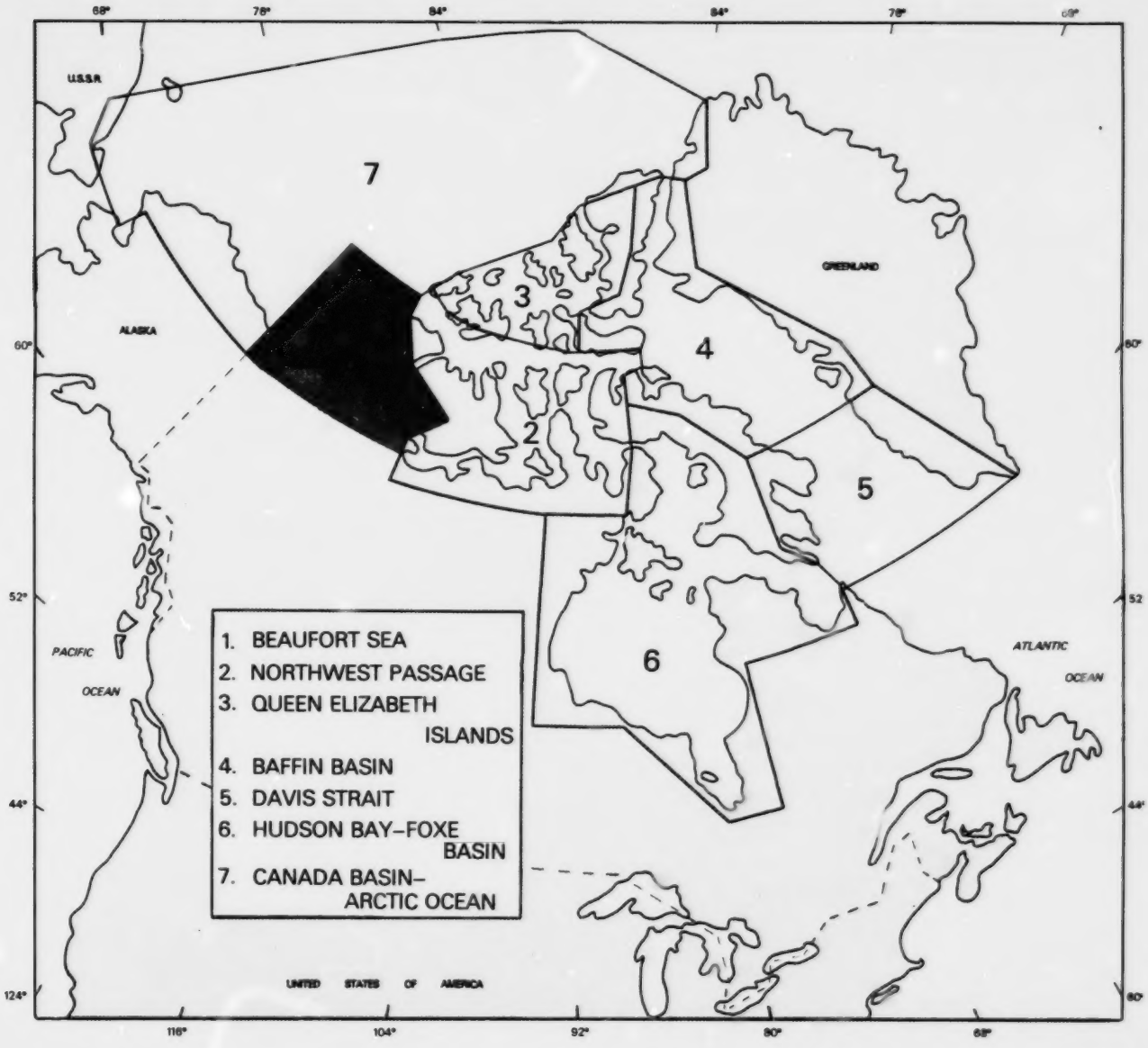


The area covered by this volume is shaded on the map above.

ARCTIC DATA COMPILATION AND APPRAISAL

VOLUME 11

BEAUFORT SEA: Biological Oceanography

Marine Zoobenthos

1914 - 1986

1. INTRODUCTION

This report is an inventory of marine zoobenthos data for the Canadian Beaufort Sea. It contains descriptions of 109 sampling cruises or programs in which benthic biologists have participated or for whom samples were obtained, during the period 1914 to 1986. The information has been assembled from a variety of sources (journal articles, published and unpublished data reports from government researchers and technical staff who have been active in surveys of Arctic benthos) and is presented in a series of summary tables and maps. Wherever practical, data which describe disturbed or environmentally impacted benthic communities have been excluded from this compilation. No data or statistical summaries of data from the various reports examined have been included as this document is intended to be a detailed directory to existing data collections rather than a repository.

The purpose of this inventory was to assemble all available documentation describing marine zoobenthos sampling in the Beaufort Sea, condense them and objectively appraise them, in order to assist the researcher or environmental manager in identifying and locating those data sets which may be most suitable for any particular application. The information in this catalogue and others of this series is being entered into a computer database at the Institute of Ocean Sciences. This will permit more frequent updates and corrections to the information base as new data are obtained. Due to time constraints and to difficulties in obtaining documentation, summaries for some of the data sets could not be completed. Any details regarding errors or omissions from this inventory should be directed to the Data Assessment Division at the Institute of Ocean Sciences.

2. SCOPE

The term "benthos" is an imprecise category usually including all biota that are "bottom dwelling". For the purposes of this data compilation series, a more precise definition is required. The scope of this catalogue is limited to benthic invertebrates. However, depending on the time of day, season and/or stage of the organism, many species commonly considered benthic are found in the water column or associated with the under-ice surface. Further, most common methods of sampling benthos during descent through the water column may trap organisms, thus species which are not commonly considered benthic are often reported to be present in benthic collections.

For these reasons, the scope of this compilation has been arbitrarily defined as follows:

(1) Sampling methodology was used as the main criterion to identify benthic data sets. All methodologies that collect or report biota found either within, on the surface or within 2 m from the seafloor are considered benthic. Methodologies that collect or report biota from the shoreline or intertidal zone and also from artificial substrates (including sediment traps and fouling of instruments and moorings) at any depth are also considered benthic. Table 2.1 lists all methodologies considered within the scope of this catalogue.

(2) Data sets that pertain exclusively to biota of less than 500 microns are excluded from consideration.

(3) With the exception of fishes, algae and vascular plants, all biota reported as present in samples or by observations are considered within the scope of this catalogue regardless of whether they are commonly considered benthic or otherwise.

(4) Data sets describing invertebrates present as gut contents, such as stomach contents of fish, whales or birds, were excluded from consideration.

(5) Data sets which pertain to whole community properties (such as measurements of respiration or ^{14}C-production on whole sediments) were deemed to be more relevant to "phytobenthos" and were excluded from consideration. (It is intended that a phytobenthos catalogue be completed at a later date).

(6) Data sets that provide information exclusively on the relative composition of the foraminifera have been excluded; as a geological data compilation, O'Connors (1985), provides annotated bibliographic information which identifies these data.

(7) Biological information on benthic species may be of two types: (i) information that is relative to a geographic location, and (ii) information that is not relative to a specific location but is, rather, relative to the organism or taxon. Our criterion for distinguishing the two is as follows: measurements made *in situ*, on fixed samples, or *in vitro* within a short period after collection are included in the scope of this inventory. Other measurements, particularly those derived from specimens maintained for long periods in the laboratory, are excluded.

Table 2.1 Collection methods within the scope of the marine zoobenthos compilation (Arctic Data Compilation and Appraisal Series).

core sampling
grab sampling
dredge sampling
bottom photographs
bottom video footage
visual observations of the bottom
sampling by airlift or venturi dredge
baited and unbaited traps within 2 m of the bottom
bottom trawls
epibenthic sled trawls
artificial substrates in the water column or on bottom
fouling organisms on instruments, moorings, and related surfaces
sediment traps (if biota are examined)
artificial or natural sediments processed to remove biota and deployed in situ in containers in the water column or on bottom
diver or submersible collection

Note: the bottom is considered to include the intertidal zone and the shoreline.

3. STUDY AREA

The study area is bounded to the west by 141°W longitude and to the north by 75°N latitude; the southern boundary is the coastline of the Yukon and NorthWest Territories (N.W.T.). The eastern boundary occurs at the mouth of Dolphin and Union Strait at approx. 117°W longitude continuing up the western coast of Victoria Island to the southern end of the Prince of Wales Strait. It continues around the southern coast of Banks Island, up along the western shore to Cape Prince Alfred and then extends northward to 75°N latitude. This area encompasses the southeast portion of the Canada Basin, the eastern Beaufort Sea and the Amundsen Gulf (see Figure 3.1).

The major bathymetric features of this region are a broad continental shelf and slope which extend north toward western Banks Island, penetrated by the Herschel Canyon to the west and an extension of the Amundsen Gulf from the east. The Amundsen Gulf is bordered by a relatively steep shelf and slope zone along the N.W.T. coast and the surrounding islands. Mackenzie Bay, at the southernmost end of the Beaufort Sea, receives a significant discharge of sediment-laden freshwater from the Mackenzie River and is relatively shallow with depths rarely exceeding 10 metres, with the exception of the Herschel Canyon.

Sea-ice cover has a significant effect. In winter, much of Mackenzie Bay freezes to the bottom and an area of landfast or fixed ice develops over the entire nearshore. Offshore, the permanent polar pack ice extends into the Beaufort Gyre. The transition zone occurs in deeper waters along the continental shelf (15 to 45 m) where the slowly rotating polar pack encounters landfast ice. Deep ice keels, formed by pressure ridges in this zone, can extend down to the bottom to scour and rework the sediments.

The explored areas of the Beaufort Sea are mostly fine-grained substrate, leading to descriptions of a preponderance of soft-bottom benthic communities. Coarse-grained substrate (i.e. gravel and cobbles) has as yet been reported only in the vicinity of Herschel, Banks and Baillie Islands and in the Eskimo Lakes.

The nearshore and shallower portions of the study area appear to be a relatively harsh environment for zoobenthos. Waves and water level changes frequently disturb the shallow water community; while in winter ice may develop to thickness 2 m, limiting water exchange and killing non-motile benthos in the shallows.

The discharge of the Mackenzie River may be expected to play an important role in determining the distribution of benthic species by acting as a barrier to the east-west movement of biota that are intolerant to oligohaline (low salinity) conditions.

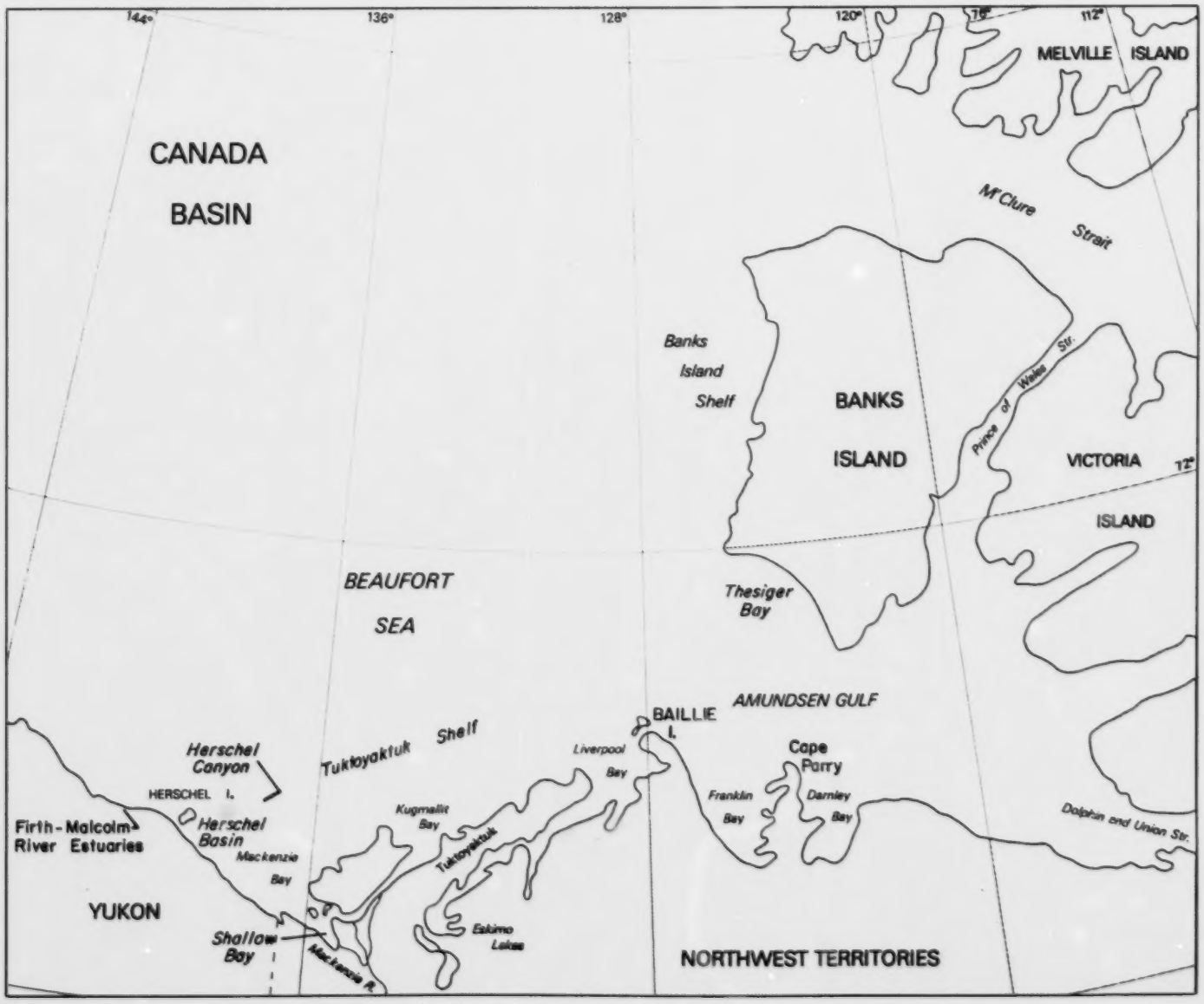


FIGURE 3-1 COMMON PLACE NAMES USED IN TABLES AND TEXT

4. HISTORY OF SAMPLING EFFORT

4.1 DATA COLLECTION

The majority of the benthic data identified by this catalogue (94 out of 109 data sets), were collected between 1970 and 1983 in relation to oil and gas exploration in the study area. Unfortunately, prior to 1970, it was common practise to report details of the sample collection separately from the results of analyses. Reporting was further complicated by the practise of sending various taxa to specialists for subsequent analyses. The documentation for these data sets is confusing and it also appears that some errors associated with sample and station identifications have occurred. As a consequence, these data are of little value for quantitative work.

The first benthic sampling identified was that of the Canadian Arctic Expedition in 1914 and 1916. This was a reconnaissance expedition and is poorly documented, however, some museum specimens collected by the expedition still exist. No further benthic work was conducted in the study area for several decades. Then from 1951 to 1954 a joint Canada - United States Western Arctic Study was conducted. Unfortunately, with the exception of data on polychaetes, no documentation pertaining to benthic components of this study could be located.

In 1955, the Arctic Biological Station began a series of reconnaissance expeditions in the area. These studies, which continued until 1963, laid the foundation for all future benthic studies, by collecting reference specimens which have proven invaluable in the resolution of problems with taxonomic keys and systematics.

No benthic studies were reported between 1964 and 1970.

In 1970, interest in the hydrocarbon resources of the region led to the initiation of the Beaufort Sea Project (a multi-disciplinary baseline survey) and various site-specific studies. Since that time, essentially all benthic studies in the study area have been carried out in areas of hydrocarbon exploration activity. Relatively large portions of the study area, outside the zone of exploration interest, such as the area west of Herschel Island, Amundsen Gulf, and areas deeper than 100 m, have received very little study (Figure 4.1).

The frequency of zoobenthic sampling is illustrated in Figure 4.2. Most of the samples and observations (61% of the stations sampled) were collected in July or August.

Sample collection methodologies have varied considerably, frequently without adequate documentation of the sampler employed. Few data sets are therefore suitable for quantitative use. Even where sample collection and sorting methods have been suitable, problems with taxonomic identifications have limited the ability to compare data sets (see below).

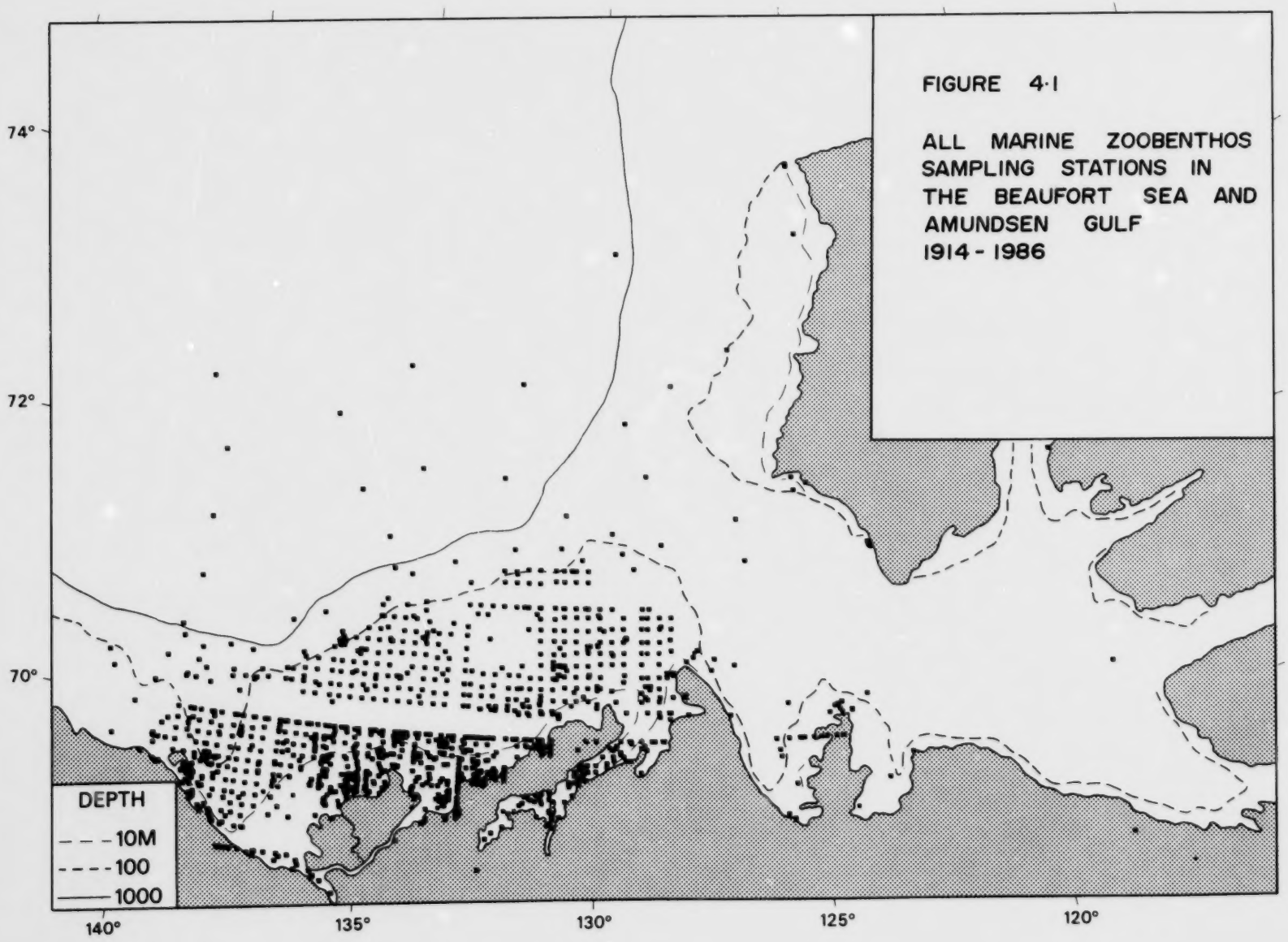


FIGURE 4·1

ALL MARINE ZOOBENTHOS SAMPLING STATIONS IN THE BEAUFORT SEA AND AMUNDSEN GULF 1914 - 1986

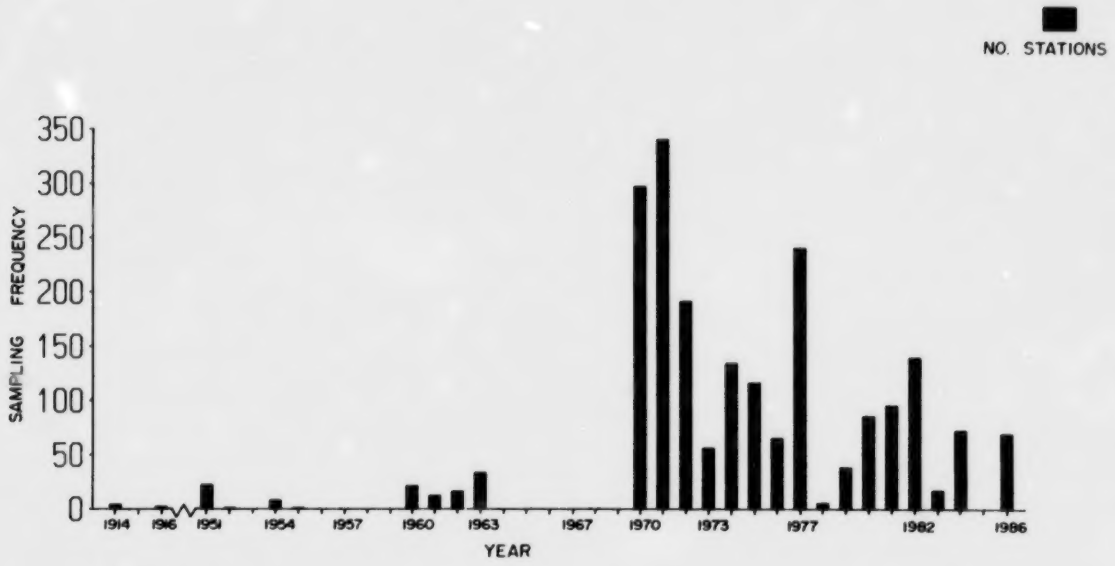


Figure 4.2 Zoobenthic Sampling Frequency Histogram

Taxonomic identification, enumeration, and formalin wet and dry biomass were the most frequent measurements conducted, comprising for more than 95% of the data. None of these measurments were assigned a quality rating of 4. Figure 4.3 illustrates the measurement quality and the number of taxa observed for each measurement type.

4.2 TAXONOMY AND SYSTEMATICS

Knowledge of the taxonomy and systematics of benthic marine invertebrates in the study area is as yet incomplete. Various taxonomic keys have been modified over the years in association with improved understanding of systematics. Future revisions must be anticipated; e.g. the systematics of the genus Pontoporeia is currently under review (Korczynski 1985b).

Frequently, during the review of museum specimens for a particular taxon, the specific identifications in a data set (e.g. the Canadian Arctic Expedition) are found to be in error. It is therefore necessary for any particular data set, to review the recent literature to confirm that taxonomic keys used remain appropriate.

Even if one limits consideration of the data to 1980 or later, it appears that a variety of taxonomic keys are in use, some of which cannot be considered appropriate for the study area. It is unclear why there is no consensus on what keys are appropriate to use; however, the ability to

compare the data sets is clearly limited by this. Scrutiny of the list of species reported in the 3- and 4-rated data sets reveals reasonable agreement down to the family level at most locations and for most taxa, however, large differences at the species level are apparent between taxonomic laboratories. Quantitative comparisons of the benthic community between times or locations are possible (at the species level) only for a limited number of data sets collected by a single laboratory using comparable methods.

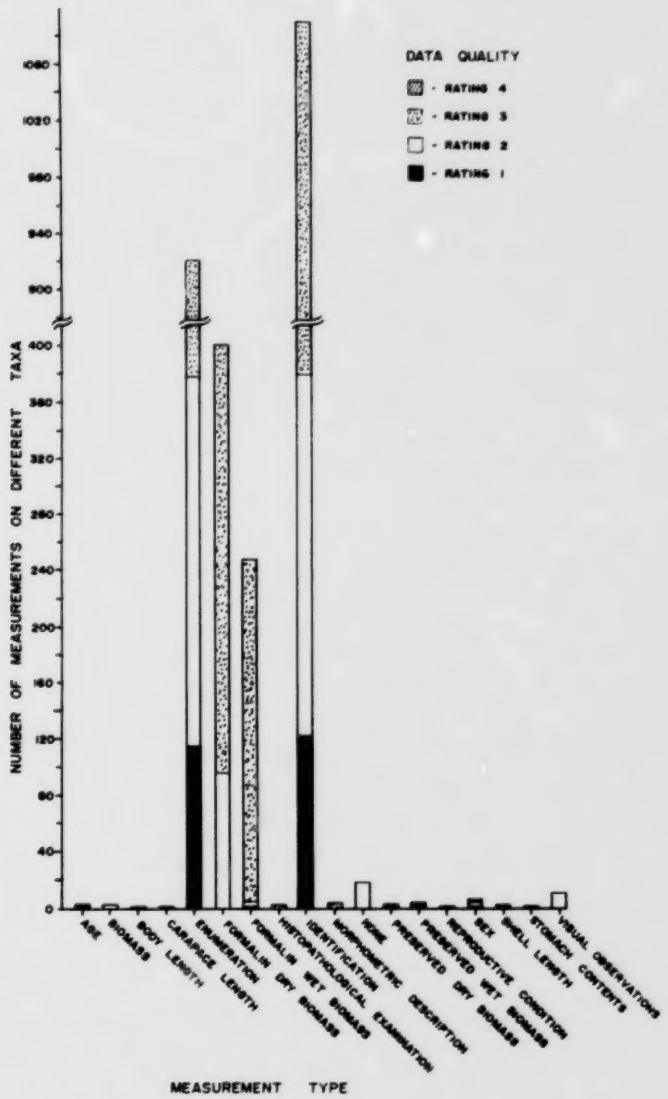


Figure 4.3 Distribution and Quality of Measurement Types

5. OUTLINE OF DATA INVENTORY ORGANIZATION

5.1 DESCRIPTION OF TABLE HEADINGS AND CONTENTS

Benthic biological data are presented as data sets. Each sampling program is considered to be a unique data set, providing that sampling methodology remains consistent. It sampling is conducted on a regular basis, data sets may span more than one year. Data sets consist of all information pertaining to the data and samples collected during a specific sampling program including unpublished data, revisions to previously published information, archived specimens and unprocessed samples or data.

Each data set was assigned a unique code number so that information particular to a given data set can be readily distinguished from any other. The data set numbers used in this inventory correspond to those used in the other inventories of this series to facilitate cross-discipline comparisons. Data set numbers are of the form YY-XXXX, where YY is the last two digits of the year in which the earliest station was sampled and XXXX is a record number assigned sequentially by the Institute of Ocean Sciences. Where a sampling program is not consistent or where analytical methods are not consistent, the sampling program is considered to be a set of related data sets. Such sampling programs are assigned a single data set code number with the addition of a single letter suffix to identify consistent data sets, e.g. 62-0005A.

There are 3 primary information tables:

Table 1, a brief summary of each data set, includes the sampling agency, area and time over which sampling occurred, phyla sampled and the types of measurements taken, any concurrent oceanographic sampling, and a brief note describing the purpose of the study.

Table 2 is a description of the measurements taken for each major taxonomic class or order of organisms, the methods of sampling and analysis, a quality appraisal code for each method and any notes which apply specifically to that appraisal.

Table 3, is a detailed list of sampling station information including station name, geographic coordinate location, sample date, station depth and sediment type (where available), gear types used and the number of replicate samples taken.

The locations of all sampling stations are plotted on standard computer-drawn basemaps. Several different map sets were produced in order to highlight the regional and temporal distribution of sampling effort; in addition, a series of annual summary maps were produced for each data set.

5.2 SAMPLE USE OF THE CATALOGUE

Anticipated uses of this catalogue include searching for specific-measurement data, biota-specific data and data from a specific geographic area or time.

Example 1.: **Searching for specific-measurement data: e.g., histopathological examination of benthic invertebrates.**

Step 1. Consult Section 12.4 (the Measurement index) or Table 1 and scan the column labelled "Measurements" for the sub-heading "histopathological examination". Note data set numbers corresponding to these measurements.
(In the example above, only data sets 79-0008 and 81-0005 are found).

Step 2. Consult Table 2 to provide additional details of sample collection and preservation, the taxa reported, the specific measurements performed on each taxa, and an appraisal of the quality of these data.
(In this example, histopathological examinations have been carried out on pelecypods and polychaetes only).

Step 3. Refer to Table 3 for station positions, depths and sample dates. If geographical coverage is of interest, go to Section 11 and consult maps for the data sets(s) of interest. Maps are ordered by data set number (i.e. chronologically by year).
(In this example, data set 79-0008 consists of 1 station sampled Aug. 31, 1979; data set 81-0005 consists of 2 stations sampled July 14-15, 1981).

Step 4. Consult the Reference List by Data Set Number, Section 12.5, to identify the reports, publications and documentation that comprise the data sets.
(In this example, Brown et al. (1979), Thomas et al. (1981) and Arctic Laboratories Limited (Unpublished data) contain the required data).

Example 2: **Searching for biota-specific data.**

Step 1. Consult the Taxonomic Index, Section 12.2, for the biota of interest and note the corresponding data set numbers.

or Consult Table 1 and scan the column labelled "Taxa Reported" for the class, order or phylum of interest. If specific-measurement data is desired, scan the corresponding entries in the column labelled "Measurements" for the parameter of interest. Note the corresponding data set numbers.

Step 2. Continue as in Example 1.

Example 3: **Searching for data from a specific geographic area.**

Step 1. Consult the Geographic Index, Section 12.1, and note the corresponding data set numbers.

or Scan through the maps, Section 11, and note the data set numbers of stations that appear to be in the area of interest.

Step 2. Consult Table 1 for a summary of the taxa reported and measurements taken.

Step 3. Continue as in Example 1 through Steps 2, 3 and 4.

Example 4: **Searching for data from a specific time.**

Step 1. Consult Table 1. Table 1 is presented in chronological order by year. Scan the data set numbers and the column labelled "Collecting Period" for the dates of interest.

Step 2. Continue as in Example 1.

When additional details concerning the data are required, the original data sets must be consulted. Section 12.5 provides information on the availability of specific documents. Access to these documents may also be obtained through the Data Assessment Division at the Institute of Ocean Sciences, Sidney, British Columbia.

6. DATA QUALITY RATING SYSTEM

6.1 DATA QUALITY

The biological data summarized in this catalogue have been appraised and assigned a data quality rating in accordance with a five point scale. The following sections describe the data quality rating scheme (Figure 6.1) and significance of the ratings in detail. These quality ratings are presented in Table 2. Our purpose in describing this scheme is twofold: (1) to document the rating scheme for future updating of this catalogue, and (2) to provide a method of identifying the specific aspects of a study's methods or reporting that led to the quality rating assigned. Readers not interested in the details of the rating scheme are encouraged to consider the ratings assigned as the results of peer review of methodology and reporting and to skip the detailed description of the rating scheme.

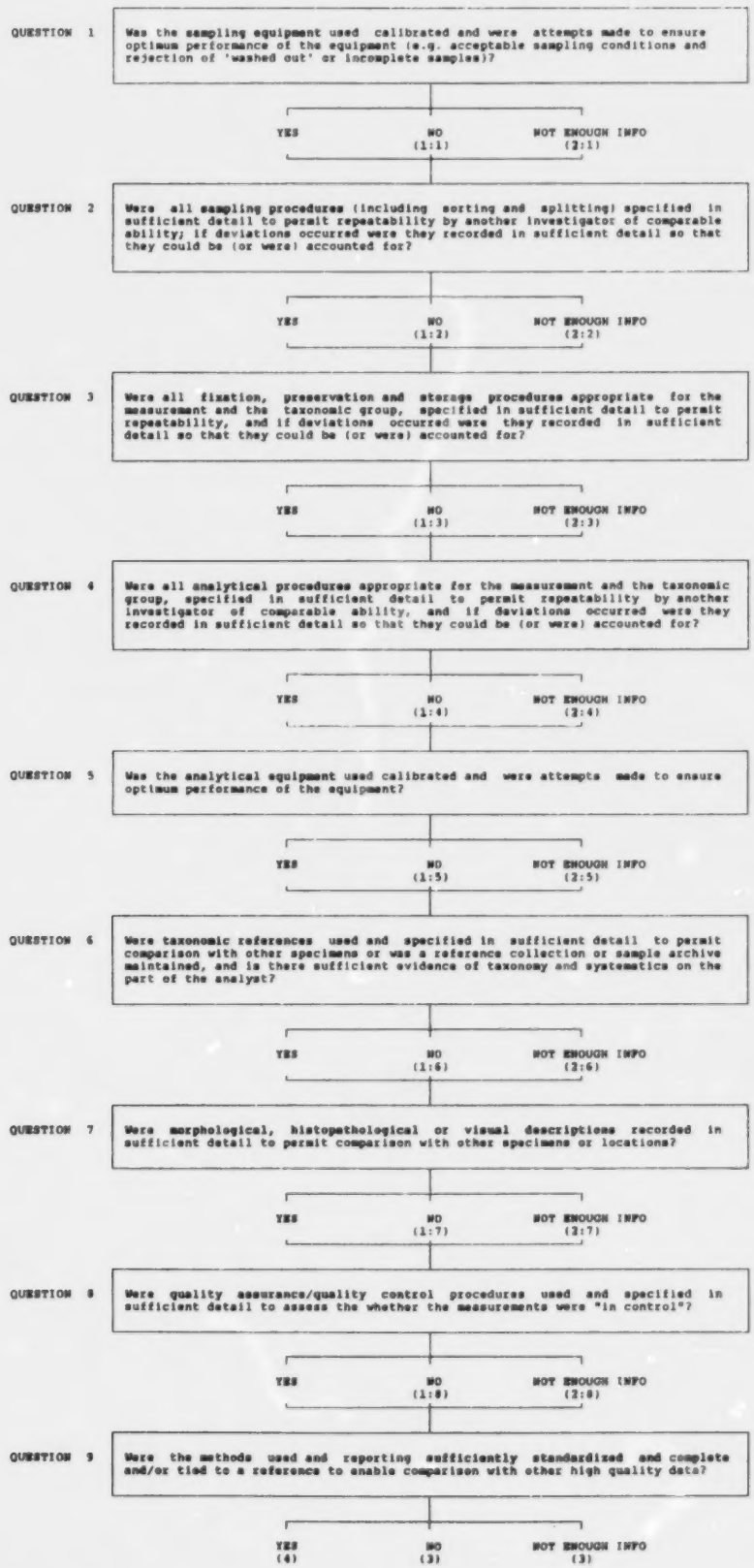
The biological data included in this catalogue are of two distinct types: (1) data related to the sample unit, i.e. grab or trawl (e.g. relative community composition and population parameters); and (2) data related to the organism (e.g. presence at a given location, presence of a specific stage at a particular time or the ratio of carapace length to organism dry weight). In the former case, quantitative aspects of sample collection and sorting or splitting are of importance. Whereas in the latter instance, they may have no influence on the quality of the data (i.e. certain questions in the rating flow chart are bypassed).

6.2 DEFINITION OF THE DATA RATING SYSTEM

The benthic data rating system described is similar to that used by Thomas et al. (1982b) and the other catalogues.

Rating Score	Data Quality
0	data are found (or judged) to be wrong or have been lost or discarded.
1	data are suspect and probably not internally consistent; trends or patterns within the data are likely not real.
2	insufficient information to assess data (in some cases, information may exist but was not available to this study).
3	data are internally consistent with respect to methodology; measurement precision may vary; comparison with other data sets may be a problem because of inadequate standardization.
4	data are internally consistent and are sufficiently standardized or tied to a reference that comparison with other data at this score should be possible; or data are of a non-destructive nature and archived specimens are available for reexamination.

Figure 6.1 Data Rating Chart



Eighteen different measurement types (an average of approximately 4 measurements per data set) were identified in this data compilation (see Section 12.4 for a listing and index to the data sets by measurement types). The data examined represented 73 data sets consisting of approximately 35,000 specific measurements on individual taxa at a given location and time. To assign a quality rating to each measurement, the available information on methods was scrutinized according to the specific criteria described in Section 6.3. These criteria were developed on the basis of experience and discussion with investigators. For ease of use, the quality ratings for specific measurements are summarized at the class level (with the exception of Phylum: Arthropoda, which is summarized at the order level) resulting in 2737 data quality ratings.

A chart summarizing the application of the rating criteria is provided (Figure 6.1). The chart is organized as a sequence of questions, and the ratings assigned depend on the answers to them.

While some criteria are fundamental to the making of some measurements, the same criteria may be less important or irrelevant to others. For this reason, a 'bypass' system has been used with the chart (Table 6.1). Questions 1 and 2, which deal with sample collection, primarily apply to quantitative population or community measurements (e.g. enumeration, wet and dry biomass) which could be influenced if improper methods are used. For example, hand picking from the grab or trawl haul while in the field may result in loss of the smaller biota or a sample which is not representative of the haul. Question 5, which deals with calibration of analytical equipment, does not apply to those measurements which are purely descriptive (e.g. morphometric description and visual observations). Question 7 applies only to morphometric descriptions, histopathological examination and visual observations.

Table 6.1 Criteria Not Applicable to Certain Measurements

Measurement Type	Question							
	1	2	3	4	5	6	7	8
age	NA	NA	-	-	-	-	NA	-
biomass	-	-	-	-	-	-	NA	-
body length	NA	NA	-	-	-	-	NA	-
carapace length	NA	NA	-	-	-	-	NA	-
enumeration	-	-	-	-	-	-	NA	-
formalin dry biomass	-	-	-	-	-	-	NA	-
formalin wet biomass	-	-	-	-	-	-	NA	-
histopathological examination	-	-	-	-	-	-	-	-
identification	NA	NA	-	-	-	-	-	-
morphometric description	NA	NA	-	-	-	-	-	-
none	-	-	-	NA	NA	NA	NA	-
perserved dry biomass	-	-	-	-	-	-	NA	-
preserved wet biomass	-	-	-	-	-	-	NA	-
reproductive condition	-	-	-	-	-	-	NA	-
sex	-	-	-	-	-	-	NA	-
shell length	NA	NA	-	-	-	-	NA	-
stomach contents	-	-	-	-	-	-	NA	-
visual observations	-	-	NA	-	NA	-	-	-

NA = Not Applicable

All but the last question on the chart are weighted equally, since the criteria represented by each question are considered fundamental to the making of the particular measurement. A response of 'Not Enough Information' to any but the last question leads to a rating of 2. The final rating assigned is the lowest value assigned to any of the questions and is representative of the taxonomic group summarized (i.e. measurements on individual taxa e.g. species, may be of higher or lower quality than the rating assigned as typical for the group as a whole).

The answer to the last question of the chart, required for each measurement, determines whether a 3 or 4 rating is assigned. It examines whether the methods employed and reporting were sufficiently standardized and/or tied to a reference to enable comparison with another data set. If this is true a rating of 4 is assigned; otherwise a rating of 3 is assigned. This is the most subjective aspect of the rating process, relying on the judgement of the authors.

In order that the reader may identify the aspects of measurement methodology or reporting that resulted in a data quality rating lower than 3, the ratings are presented in Table 2 accompanied by question number(s). A rating of "2:2,3" for example, indicates that there was judged to be insufficient information to respond to questions 2 and 3.

6.3 DATA RATING CRITERIA

The criteria examined to assess data quality for the questions in the chart are discussed below.

6.3.1 Sample Collection (Questions 1 and 2)

The primary criterion used to evaluate sample collection is the completeness of the description of the method of sampling, particularly the description of the sampler and the manner in which it was used (e.g., the same grab sampler with the addition of extra weights will create a different pressure wave and thus may introduce systematic differences with respect to the biota retained). Also considered are factors influencing the precision of sampling (such as substrate type, subsampling from the sample collected and protocols used to reject samples collected) and whether samples were composited (e.g., from several grab hauls). Data sets where samples were composited or pooled were examined in some detail, as composite samples are not equivalent to a single sample of the corresponding size. Where significant small scale patchiness in benthic species distributions and/or sediment properties occurs, compositing of samples may lead to observed species associations, or alternatively to observed distributions in relation to mean substrate particle size, that are not valid.

Sieving of samples prior to initial fixation is considered an aspect of sample collection. Thus the completeness of the description of sieving procedures and the specification of mesh size are criteria, as well as consideration of factors influencing the precision of the sieving and integrity of the samples (such as rinsing with unfiltered seawater).

6.3.2 Sorting and/or Splitting (Question 2)

Sorting is the procedure whereby biota are separated from debris in the samples collected. Splitting may be performed where the number of organisms in the samples is too large to warrant the identification of every individual present. Criteria examined to assess the sorting procedures include the adequacy of the description of the sorting method, whether more than one person was involved, evidence of a quality assurance program or quality control procedures (such as resorting or resieving of samples after the initial sort), and whether samples were split prior to sorting.

If samples were split, criteria examined include whether large organisms were separated from smaller organisms prior to splitting (failure to remove larger biota may influence the randomness of the split), the adequacy of the description of the splitting device (use of too small a splitter for the sample volume may result in a non-random split), and whether an assessment of the precision and accuracy of splitting was performed. Of particular importance is the specification of the protocol used to determine which samples are split. Splitting procedures werr examined in detail, as splitting is fundamentally a procedure to estimate the composition of the sample. Data sets that include samples that were not split, split once and split more than once must be examined carefully to ensure that the precision and accuracy of the splitting does not influence the internal consistency of the data set.

6.3.2 Sample Fixation and/or Preservation (Question 3)

Criteria examined include whether the manner in which the samples were fixed would compromise the ability to identify the biota present (such as use of a preservative strength inadequate to prevent decomposition, freezing of soft-bodied or delicate biota, or use of a formaldehyde solution buffered inadequately to prevent decalcification of bivalves), or compromise the ability to perform specific analyses (such as measurement of body length on soft-bodied organisms that were not narcotized prior to fixation or dry weight measurements on samples preserved in formaldehyde). Also considered was the duration of time between sample collection and initial fixation and its potential influence on the data reported.

6.3.4 Specific Analyses (Questions 4, 5, 7 and 8)

In Table 2, taxonomic identification is presented as a specific analysis. Criteria applicable to taxonomic identification are identified in Section 6.3.5. Other specific analyses include enumeration, analyses of age, sex, stage and reproductive state, presence of parasites, description of behaviour and morphology, measurements of morphometric characteristics such as weight and others. Criteria applicable to each specific analysis are too numerous to describe in detail.

In general, we have considered the completeness of the description of the method of analysis (particularly in the case of weight or length measurements, where differences in the manner of handling of samples prior to weighing or the reference points used for length measurements may lead to systematic differences between data sets); detection limits or resolving power of instruments used; whether the specific analysis is of an objective or subjective nature, and if subjective, whether more than one analyst was

involved; whether techniques used were applicable to the biota analyzed; evidence of a quality assurance programme or quality control procedures and the precision and accuracy of the analysis.

6.3.5 Taxonomic Identification (Questions 6 and 8)

Criteria examined include whether the keys used to perform identifications were specified; the level to which the identifications were performed (identification to species level typically requires more rigorous techniques); whether more than one taxonomist was involved in the identification of a single class or order (systematic differences in identifications are possible); whether the taxonomist performing the identifications was a recognized expert or whether the identifications were verified; and whether detailed descriptions of typical specimens were reported, a reference collection maintained or archived museum specimens identified.

Typical taxonomic keys provide a means of assigning specific identities to specimens on the basis of critical morphological characteristics (diagnostic keys). Keys are normally only valid for a specific geographic region as (a) the number of characteristics examined is frequently the minimum required to differentiate between the species known to be present in the region, and (b) morphological characteristics may vary significantly in response to environmental conditions. Where the possibility of previously unreported species exists, and/or where the range of morphological characteristics through development and/or in response to environmental conditions is not well understood, the possibility will always exist that available keys will be inadequate. In such instances, it is necessary to either record in meticulous detail the morphological features of representative specimens, to maintain a reference collection of the same, or to perform all identifications relative to reference specimens archived elsewhere, in order to ensure the ability to reexamine the adequacy of the keys employed. Unfortunately, for the majority of the Canadian Arctic Region, it must be concluded that it is probable that existing keys are inadequate. New species have been reported as recently as 1976 (Lubinsky 1976) and many keys appear inadequate for the identification of juvenile stages (Steele and Brunel 1968).

6.3.6 Precision and Accuracy (Questions 9)

The concepts of precision and accuracy are relevant to the evaluation of biological data. In common practice, concerns regarding whether the samples collected are representative of the community or population are often assumed to limit one's ability to interpret the data. Frequently these concerns are greater than any concerns regarding precision or accuracy of the measurements. In this catalogue, we have made no attempt to assess the extent to which samples are representative. We have, however, made an attempt to assess the precision and accuracy of the measurements reported. Typically little or no information to allow this assessment is reported. The criteria used to assign data quality ratings in relation to precision and accuracy were as follows:

- Where no information is provided and no reasonable assumptions can be made with respect to precision and/or accuracy, a 3 rating was assigned.

- Where the information provided suggests that the precision and/or accuracy of the measurements may vary significantly within the data set, a 2 rating was assigned.

Wherever a data quality rating was downgraded on the basis of precision or accuracy, a specific note is included to indicate this. This represents somewhat of a departure from the rating system employed in the chemical or physical data catalogues (e.g. Thomas et al. 1982b and Cornford et al. 1982). However, this was considered necessary as most, if not all, of the data would otherwise be rated as a 2 or less. As a result, it is necessary for the user to assess the relative precision and accuracy of the data when comparing data of rating 3 or less. In some instances, it may not be possible to compare two set of 3-rated data because of significant differences in the estimated precision and accuracy of the measurements.

6.4 SOME APPLICATIONS OF THE DATA RATING SYSTEM

The usefulness of the benthic data depends on the question or environmental concern being considered. Such applications include identifying appropriate taxonomic keys, designing sampling programs, assessing impacts, monitoring and defining baseline conditions. The data ratings assigned may be seen to separate groups of data: those data sets which include invalid data; those which allow comparison between data sets; and those which provide insufficient information to assess the validity or potential utility of the data. The data quality ratings may therefore provide a means of rapidly identifying useful data.

Identification of keys required and methodology problems.

At this least discriminating level, the data can be used to identify taxonomic keys that may be required for a study and to identify methodology problems. Most data even scoring 0, 1 or 2 may be usable for such purposes. However, data sets where dates and locations are unknown or uncertain are assigned the rating score 2, as are data sets where the biota reported may not have been sampled using benthic sampling methods. Data rating 0 may include data sets where the data have been lost or discarded. Such data sets are of limited value.

Comparison of data within the data sets.

Data with a rating of 3 may tentatively be used for comparison of time series or relative sample properties (such as community composition, populations parameters and the presence of a given species) within a given data set could be used to determine whether there a significant differences between areas or large differences between stations. It is necessary to verify that the precision of the data is sufficient to resolve differences within the range of the reported data, and also, that sample collection did not introduce large differences between stations with respect to what the samples represent.

Comparison of data between data sets.

Only data with a rating of 4 could be considered for long-term studies and also for studies describing spatial patterns in benthos, but will be inadequate when the samples are not representative of the community, population or area sampled. Studies involving subtle changes in benthic communities or populations in response to perturbations (such as chemical contaminants or physical impacts) or in response to physical factors (such as substrate grain size, depth or salinity) require data with a high level of confidence and standardization of the data to remove biases between stations. Full interpretation of benthic biological data is impossible without consideration of how the method of sampling, and physical and seasonal factors influence what the samples or observations represent. Thus when information such as the presence of ice (and the epontic community), anoxic bottom water or significant wave-induced disturbance and other factors is not available to support the benthic biological data, even 4-rated data will be of limited value. In such cases conclusions will be tentative, being based primarily on inference and conjecture.

Use of the data at the individual organism level.

Certain applications of biological data are independent of the manner in which the sample was collected and the size of the sample, in that the sample unit is the individual organism. Such uses include estimation of the relationship between length and weight, compilation of life history information (such as presence of brooding females at a given time) and the identification of parasites or food items. Taxonomic identifications must be adequate to the intended level of organization (e.g. species) to allow such usage. For such purposes, it may be possible even to use 1-rated data. It is incumbent on the user to define acceptable data quality standards for such applications.

6.5 EFFECT OF POSITIONING, TIME OF DAY, DEPTH MEASUREMENT AND ICE COVER ON DATA QUALITY

Accuracy of station position and knowledge of the time of sampling and depth, and whether or not ice cover is present are important factors in the consideration of benthic biological data, particularly for studies of spatial patterns and long-term trends. Many station positions were obtained using rudimentary techniques such as dead reckoning, or radar range and bearing at distances far from shore. Consequently, there may be considerable uncertainty about the geographical location at which samples were obtained. The time of sampling is also of importance; partly to allow correction of station depth for tidal and other variations, and also to provide information related to potential vertical migration of some of the epibenthos. The presence of ice cover allows the development of the epontic community (under-ice surface). While the relationship between epontic and benthic communities is not yet clear, some invertebrates that are normally considered benthic are also found at the ice-water interface. It is therefore desirable for some applications to have information to assess whether an epontic community may be present. The combination of these factors leads to the dilemma that some of the 4-rated data may in

fact be of little practical value in defining important spatial distributions.

6.6 SOME IMPORTANT FACTORS RELATING TO THE DATA APPRAISAL PROCESS

6.6.1 Biases associated with sampling and sieving methods

An important factor to consider in utilization of benthic biological data is the extent to which relatively small differences in sample collection methodology can influence the nature of the samples and thus the ability to compare data. Differences may result from modifications to the sampler, the manner in which the sampler is used and/or differences in the mesh or sieving procedures. Relatively small differences, such as the rate at which a grab is lowered or the addition of extra weights, may influence the pressure wave generated by the sampler. The pressure wave may be sufficient to displace unconsolidated surface sediments and their associated biota. Also, some biota may be capable of reacting to the pressure wave and thereby avoiding being sampled.

If mechanical sieving is performed, the vigor of the shaking may damage soft biota rendering them unidentifiable; thus differences in the vigor of shaking may be of importance. Even where the mesh size used is identical, differences in the shape of the sieve may result in "dead" areas (e.g. in corners of rectangular meshes) and thus contribute to differences between data sets.

As a consequence, in this catalogue we have treated measurements collected by different methodologies as separate types, i.e. the numbers of organisms collected by a 0.1 m^2 ponar grab with extra weights sieved through a square 500 micron mesh are considered to be a different measurement than the number of organisms collected by a 0.1 m^2 ponar grab without extra weights sieved through a square 500 micron mesh. While it may be possible to develop a calibration to allow comparison of the data, until this is done, the two must be treated as separate measurement types.

6.6.2 Influence of bottom substrate

The texture of the bottom substrate is of importance to the proper functioning of the sampler. No single sampler is suitable for all substrate types. As a consequence, when the substrate texture varies significantly over the area sampled, the performance of the sampler may also vary significantly. Corrections may be applied to the data on the basis of depth of penetration and sample volume retained. Depth of penetration may influence whether deep-burrowing infauna are sampled and thus the nature of the sample. In addition, the presence of debris or coarse material (e.g. pebbles) may interfere with the sampler operation and result in loss of parts of the sample. Use of a sampler that is not suitable for the substrate may result in low precision.

The texture of the substrate may also influence the sieving process, particularly where large quantities of peat fibre or algal filamentous "mats" are present. During the sieving process, small biota

which might otherwise pass through the mesh, may be retained as the result of aggregation with debris or through reduction of effective mesh size as the mesh becomes blocked.

The combination of the factors above may result in differences in the precision and accuracy of the data within a data set.

6.6.3 Use of data for population or community level analyses

Use of data for population or community level analyses is commonly for baseline purposes, in support of regulatory decision-making, environmental impact assessment or monitoring. These analyses often are classification methods that are descriptive in nature. These include assignment of stations to various community types on the basis of similarity, correlation of community classes with levels of chemical or physical factors (e.g. grain size or contaminant levels), and correlation of species distributions (density and age classes) with levels of chemical or physical factors. It is important in the use of such techniques that the level of precision of the data is appropriate for the magnitude of the observed differences between classes. Also, corrections must be applied to remove biases resulting from differing sample collection methodologies and differences in sampler performance in various substrates. Where the data do not allow an adequate assessment of precision and such biases, these analyses will only allow tentative conclusions based primarily on inference and conjecture.

6.6.4 Use of data for examination of relations between biota and substrate

Use of data to examine the relation between biota and substrate is a special application of community or population level analysis. Data from composite or pooled samples are of limited use for this purpose, because only the "averaged" sample properties can be measured. In a patchy area, pooling or compositing of samples may combine the biota from different communities and obscure the relationship between community composition and substrate. Where differences in the properties of the substrates sampled are large, subtle population or community responses to the substrate cannot be determined.

6.5.5 Influence of seastate, weather and thickness of ice on interpretation of data

In shallow water benthic environments, seastate, weather and thickness of ice may strongly influence the epibenthos and near-surface infauna. These effects may be of importance in the analysis of time series data and multi-year data sets. Bottom disturbance resulting from seastate may cause motile benthos to move to deeper areas with less disturbance. Weather may cause variations in water level (e.g. barometric tides) with consequent effects on benthos. Similarly, in shallow areas, the ice thickness may limit water exchange, cause focussing of currents or tidal pumping, or result in freezing to the bottom, again with consequent effects on benthic communities. Where such information is not available, even 4-rated data may be of limited use in long-term studies of shallow water environments.

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8. DATA INVENTORY TABLE 1: DATA SET LISTING

An outline of the organization of the data inventory tables and instructions for use of the catalogue are found in Section 5.

ABBREVIATIONS USED IN TABLES 1 AND 2

AGC	Atlantic Geoscience Centre, Dartmouth, N.S.
ASTM	American Society for Testing and Materials
b/w	black and white
diam.	diameter
EPS	Environmental Protection Service
m/f	male or female
m/f/imm.	male, female or immature
min.	minutes
NA	not applicable
NMS	National Museum of Natural Sciences, Ottawa, Ont.
NS	not specified
RSD	relative standard deviation
species/DOC	species, with full documentation supporting systematics and taxonomic identity
SCUBA	self contained underwater breathing apparatus
V/V	volume:volume (ratio)
x	magnification

TABLE 1 LEGEND

Data Set I.D.	- identifies a unique data collection and allows cross-referencing to other tables in this catalogue and to catalogues for other disciplines.
Collecting Agency; Ship/Platform	- identifies the agency or group(s) which collected the samples and performed the analyses followed by the sponsoring agency or group(s) and the platform (e.g. vessel) from which sampling was conducted.
Collecting Period	- lists the period over which sampling was conducted.
Area(s)	- lists the general area(s) where sampling occurred; these areas are illustrated in Figure 3.1.
Taxa Reported	- identifies the benthic biota which were reported in the measurement data. Names of phyla (and general categories: unknown, community, etc.) are typed in upper case; are underlined at the class level; and are given in normal type at the order level. "NO BENTHOS" indicates that samples were reported with no zoobenthic biota present; "NOT SPECIFIED" or "NS" means that taxonomic identities of the zoobenthos were not reported; "UNKNOWN" indicates that zoobenthic biota that were unidentifiable were reported. "INCOMPLETE" indicates that cataloguing of this data set is incomplete because of time constraints and/or availability of data and documentation.
Measurements	- lists the specific measurements carried out on zoobenthos; "NONE" indicates that samples or observations were collected and have been archived but are not yet and are not planned to be analysed.
Concurrent Measurements	- lists physical, chemical and biological measurements made concurrently with the zoobenthic samples/observations. Concurrent measurements are listed by medium sampled and measurement type. These listings indicate the availability of supporting information from other disciplines and are not comprehensive; users are referred to the other ADCAP catalogues for more detailed information.
Remarks	- provides additional comments pertaining to the data set as a whole.

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
13-0001	CANADIAN ARCTIC EXPEDITION; M.V. ALASKA	02/04/14 -20/08/16	Amundsen Gulf, Mackenzie Bay	INCOMPLETE					
51-0001	SCRIPPS INSTITUTION OF OCEANOGRAPHY AND U.S. DEPT. OF DEFENCE; U.S.S. BURTON ISLAND	14/09/51 -21/09/51	Continental Slope	INCOMPLETE					
51-0002	PACIFIC BIOLOGICAL STATION; C.G.M.V. CANCOLIN II	MS/08/51	Amundsen Gulf, Mackenzie Bay	ANNELIDA Polychaeta ECHINODERMATA Stelleroidea	identification			Water Column Salinity Temperature	Western Arctic Project
52-0001	UNIVERSITY OF BRITISH COLUMBIA AND PACIFIC BIOLOGICAL STATION for Dept. of National Defence; C.G.M.V. CANCOLIN II	MS/MS/52	Mackenzie Bay	ANNELIDA Polychaeta	identification		Water Column Dissolved oxygen	Water Column Salinity Temperature	Western Arctic Project
54-0003	PACIFIC BIOLOGICAL STATION; U.S.C.G. NORTHWIND	MS/08/54	Amundsen Gulf, Banks Island Shelf	ANNELIDA Polychaeta	identification		Water Column Dissolved oxygen	Water Column Salinity Temperature	ern Arctic Project
55-0009	ARCTIC BIOLOGICAL STATION; M.V. CALANUS	27/08/55	Eskimo Lakes	INCOMPLETE					
60-0003	ARCTIC BIOLOGICAL STATION; M.V. SALVELINUS	26/07/60	Herschel Basin	ANNELIDA Polychaeta ARTHROPODA Malacostraca Decapoda Pycnogonida BRYOZOA Gymnolaemata CHORDATA Ascidiacea CNIDARIA Hydrozoa ECHINODERMATA Stelleroidea	enumeration identification morphometric description			Water Column Salinity Temperature	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
61-0001	ARCTIC BIOLOGICAL STATION; M.V. SALVELINUS	09/07/61	Eskimo Lakes, Liverpool Bay	ARTHROPODA Malacostraca Decapoda Pycnogonida BRYOZOA Gymnolaemata CHORDATA Ascidiacea CNIDARIA Hydrozoa ECHINODERMATA Stelleroidea	enumeration identification morphometric description			Water Column Salinity Temperature	
62-0001	ARCTIC BIOLOGICAL STATION; M.V. SALVELINUS	14/07/62	Baillie Island, Prince of Wales Strait	ARTHROPODA Malacostraca Cumacea Decapoda BRYOZOA Gymnolaemata CHORDATA Ascidiacea CNIDARIA Hydrozoa ECHINODERMATA Stelleroidea	age enumeration identification morphometric description sex	Fish, marine Number Identification Fish, anadromous Number	Water Column Dissolved oxygen	Water Column Temperature Conductivity	
63-0001	ARCTIC BIOLOGICAL STATION; M.V. SALVELINUS	20/08/62	Darnley Bay, Franklin Bay	ARTHROPODA Malacostraca Cumacea Decapoda BRYOZOA Gymnolaemata CNIDARIA Hydrozoa ECHINODERMATA Stelleroidea	age carapace length enumeration identification morphometric description reproductive condition sex stomach contents		Water Column Dissolved oxygen	Water Column Salinity Temperature	
70-0002	ATLANTIC GEOSCIENCE CENTER; C.S.S. HUDSON	24/08/70 -22/09/70	Continental Slope	INCOMPLETE			Sediment Metals	Water Column Salinity Temperature	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
70-0003	ATLANTIC GEOSCIENCE CENTRE; C.S.S. RICHARDSON	15/07/70 -04/09/70	Tuktoyaktuk Shelf	INCOMPLETE				Water Column Salinity Temperature Current speed Current direction Other	
70-0009	ATLANTIC GEOSCIENCE CENTRE; C.S.S. PARIZEAU	30/07/70 -01/09/70	Continental Slope	INCOMPLETE					
71-0001A	ARCTIC BIOLOGICAL STATION; M.V. SALVELINUS	16/07/71	Liverpool Bay, Tuktoyaktuk Shelf	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Isopoda Tanaidacea Ostracoda CNIDARIA Anthozoa ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA SIPUNCULA	enumeration formalin dry biomass identification			Water Column Salinity Temperature	
71-0001B	ARCTIC BIOLOGICAL STATION; M.V. SALVELINUS	17/07/71 -26/09/71	Eskimo Lakes, Liverpool Bay, Mackenzie Bay, Tuktoyaktuk Shelf	INCOMPLETE				Water Column Salinity Temperature	
71-0004A	ARCTIC BIOLOGICAL STATION; Small craft	17/08/71	Eskimo Lakes	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Cirripedia	enumeration formalin dry biomass identification		Water Column Nutrients Chlorophyll Dissolved oxygen Other	Water Column Salinity Temperature Transparency	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
71-0004A (Cont'd.)	ARCTIC BIOLOGICAL STATION; Small craft			ARTHROPODA Malacostraca Amphipoda Cumacea BRYOZOA NS CHORDATA Ascidiacea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PORIFERA PRIAPULIDA UNKNOWN					
71-0004B	ARCTIC BIOLOGICAL STATION; Ice camp	15/12/71	Eskimo Lakes	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea CHORDATA Ascidiacea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA UNKNOWN	enumeration formalin dry biomass identification		Water Column Nutrients Chlorophyll Other	Ice Salinity Thickness Temperature Other	
71-0014	ATLANTIC GEOSCIENCE CENTRE; Helicopter	04/04/71 -30/04/71	Continental Slope	INCOMPLETE					

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
71-0018A	ENVIRONMENT CANADA, FRESHWATER INSTITUTE for Task Force on Northern Oil Development; Small craft	26/08/71	Kugmallit Bay, Mackenzie Bay	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Insecta Malacostraca Amphipoda Cumacea Isopoda Mysidacea MOLLUSCA Gastropoda Pelecypoda NEMATA	enumeration identification	Plankton Number Identification Fish, marine Number Identification Food Fish, anadromous Number Identification Food Phytobenthos Number	Water Column Metals Nutrients Dissolved oxygen Major elements Other Sediment Metals Major elements Other	Water Column Salinity Conductivity Substrate Particle size	
71-0018B	ENVIRONMENT CANADA, FRESHWATER INSTITUTE for Task Force on Northern Oil Development; Ice camp	11/12/71	Kugmallit Bay	ANNELIDA Polychaeta ARTHROPODA Insecta Malacostraca Amphipoda	enumeration identification		Water Column Nutrients Dissolved oxygen Major elements Other Sediment Major elements	Water Column Salinity Conductivity	
71-0111	ATLANTIC GEOSCIENCE CENTRE; C.S.S. PARIZEAU	30/07/71 -12/09/71	Continental Slope	INCOMPLETE			Sediment Major elements		
72-0004A	ARCTIC BIOLOGICAL STATION; Ice camp	18/05/72	Eskimo Lakes	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea CHORDATA Ascidiacea MOLLUSCA Gastropoda Pelecypoda NEMATA UNKNOWN	enumeration formalin dry biomass identification		Ice Nutrients Chlorophyll Other	Ice Salinity Thickness Other	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
72-0004B	ARCTIC BIOLOGICAL STATION; M.V. SALVELINUS	19/07/72	Eskimo Lakes	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Cirripedia Malacostraca Amphipoda Cumacea Isopoda BRYOZOA CHORDATA Ascidiacea CNIDARIA Hydrozoa MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PORIFERA PRIAPULIDA UNKNOWN	enumeration formalin dry biomass identification		Ice Nutrients Chlorophyll Water Column Nutrients Chlorophyll Dissolved oxygen Other	Water Column Salinity Temperature	
72-0004C	ARCTIC BIOLOGICAL STATION; Ice camp	24/11/72	Eskimo Lakes	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea MOLLUSCA Gastropoda Pelecypoda NEMATA PORIFERA UNKNOWN	enumeration formalin dry biomass identification		Ice Nutrients Chlorophyll Other Water Column Nutrients Chlorophyll Other	Ice Salinity Thickness Other Water Column Salinity Temperature	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
72-0007	F.F. SLANEY AND CO. LTD. for Imperial Oil Limited; M.V. ARCTICUS	06/07/72	Mackenzie Bay	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Isopoda Mysidacea CNIDARIA Hydrozoa Scyphozoa ECHIURA MOLLUSCA Pelecypoda NO BENTHOS PRIAPULIDA SIPUNCULA	enumeration identification	Fish, marine Number Identification Morphometrics Age Reproduction Food Fish, anadromous Number Identification Morphometrics Age Reproduction Food Birds Number Behaviour Mammals, cetaceans Number Identification Food	Water Column Dissolved oxygen Other	Atmosphere Wind speed Wind direction Temperature Water Column Temperature Conductivity Current speed Current direction Transparency	
72-0009	ATLANTIC GEOSCIENCE CENTRE; C.S.S. PARIZEAU	27/07/72 -10/09/72	Continental Slope	INCOMPLETE					
72-0012	ENVIRONMENT CANADA, FRESHWATER INSTITUTE for Task Force on Northern Oil Development; Small craft	MS/MS/72	Kugmallit Bay, Mackenzie Bay	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda MOLLUSCA Pelecypoda NEMATA NEMERTEA	identification	Plankton Number Identification Fish, marine Number Identification Food Fish, anadromous Number Identification Food Phytobenthos Number	Water Column Metals Nutrients Dissolved oxygen Major elements Other Sediment Metals Major elements Other Other	Water Column Salinity Conductivity Substrate Particle size	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
73-0001	F.P. SLAWEY AND Co. LTD. for Imperial Oil Limited; Ice camp	20/03/73	Mackenzie Bay (Immerk)	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda MOLLUSCA Pelecypoda NO BENTHOS	enumeration identification	Plankton Number Identification	Water Column Dissolved oxygen Other	Ice Thickness Water Column Temperature Conductivity Current speed Current direction Turbidity	
73-0002	ARCTIC BIOLOGICAL STATION; M.V. NORTH STAR OF HERSCHEL ISLAND	20/07/73	Kugmallit Bay, Mackenzie Bay, Tuktoyaktuk Shelf	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Isopoda Mysidacea Tanaidacea Ostracoda Pycnogonida ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PRIAPULIDA SIPUNCULA	enumeration formalin dry biomass identification		Water Column Nutrients Chlorophyll Dissolved oxygen Other	Water Column Salinity Temperature	
73-0003B	ARCTIC BIOLOGICAL STATION; Small craft	28/06/73	Nakimo Lakes	ANNELIDA Polychaeta ARTHROPODA Cirripedia Malacostraca Amphipoda Cumacea CHORDATA Ascidiacea CNIDARIA Hydrozoa	enumeration formalin dry biomass identification		Water Column Nutrients Chlorophyll Dissolved oxygen Other	Water Column Salinity Temperature Transparency	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
73-0003B (Cont'd.)	ARCTIC BIOLOGICAL STATION; Small craft			MOLLUSCA Gastropoda Pelecypoda NEMERTEA					
73-0016	F.P. SLAWEY AND CO. LTD. for Imperial Oil Limited; HS	12/08/73 -16/08/73	Kugmallit Bay (Tuktoyaktuk Harbour)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Isopoda MOLLUSCA Pelecypoda BO BENTHOS	identification	Fish, marine Number Identification Food Fish, anadromous Number Identification Food		Water Column Temperature	
73-0036	ARCTIC BIOLOGICAL STATION; HS	23/02/73 -30/08/73	Bakimo Lakes	INCOMPLETE					
74-0001	F.P. SLAWEY AND CO. LTD. for Imperial Oil Limited; Ice camp	13/03/74	Mackenzie Bay	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda Ostracoda CNIDARIA HS MOLLUSCA Gastropoda Pelecypoda NEMATA NO BENTHOS SIPUNCULA	enumeration identification	Plankton Number Identification	Water Column Nutrients Dissolved oxygen Other Sediment Major elements	Ice Thickness Water Column Temperature Conductivity Current speed Current direction Turbidity Substrate Particle size	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
74-0003	F.F. SLAREY AND CO. LTD. for Imperial Oil Limited; M.V. ARCTICUS and M.V. WILSON III	12/07/74 -09/09/74	Mackenzie Bay	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Branchiopoda Copepoda Malacostraca Amphipoda Cumacea Euphausiacea Isopoda Mysidacea Ostracoda CNIDARIA Hydrozoa NS MOLLUSCA Gastropoda Pelecypoda NEMATA NO BENTHOS SIPUNCULA UNKNOWN	enumeration identification	Plankton Number Identification Fish, marine Number Identification Morphometrics Age Reproduction Food Fish, anadromous Number Identification Morphometrics Age Reproduction Food	Water Column Metals Nutrients Chlorophyll Dissolved oxygen Major elements Other	Water Column Temperature Conductivity Current speed Current direction Turbidity	
74-0008	ARCTIC BIOLOGICAL STATION; M.V. THETA	27/08/74	Mackenzie Bay, Tuktoyaktuk Shelf	ANNELIDA Hirudinoidea Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Decapoda Isopoda Mysidacea Tanaidacea Ostracoda BRYOZOA Gymnolaemata CHORDATA Ascidiacea CNIDARIA Anthozoa Hydrozoa			Water Column Nutrients Chlorophyll Other	Water Column Salinity Temperature Transparency	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
74-0008 (Cont'd.)	ARCTIC BIOLOGICAL STATION; M.V. THETA			ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA POGONOPHORA PORIFERA PRIAPULIDA SIPUNCULA UNKNOWN					
74-0011	AQUATIC ENVIRONMENTS LIMITED for Canadian Arctic Gas Study Limited; Small craft	24/06/74 -13/08/74	Firth-Malcolm River Estuaries	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Arachnida Copepoda Insecta Malacostraca Amphipoda Isopoda Mysidacea Ostracoda NEMATA NO BENTHOS	enumeration identification	Plankton Number Identification Fish, marine Number Identification Morphometrics Age Reproduction Food Fish, anadromous Number Identification Morphometrics Age Reproduction Food	Water Column Nutrients Dissolved oxygen Major elements	Water Column Salinity Temperature Conductivity	
74-0019	F.P. SLANEY AND CO. LTD. for Sunoco E & P Ltd.; Ice camp	01/02/74 -07/03/74	Mackenzie Bay	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Isopoda MOLLUSCA Pelecypoda	enumeration identification	Plankton Number Identification	Water Column Metals Dissolved oxygen Other	Ice Thickness Water Column Temperature Conductivity Current speed Current direction Turbidity	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
74-0117	ARCTIC BIOLOGICAL STATION; R.V. PISCES IV	05/09/74	Herschel Canyon	ARTHROPODA Malacostraca Isopoda Pycnogonida CNIDARIA Anthozoa COMMUNITY ECHINODERMATA Stelleroidea	biomass visual observations				
75-0004	F.F. SLANEY AND CO. LTD. for Imperial Oil Limited; M.V. ARCTICUS and M.V. WILSON III	10/07/75 -20/08/75	Kugmallit Bay, Mackenzie Bay	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda Mysidacea Ostracoda CNIDARIA MOLLUSCA Gastropoda Pelecypoda NEMATA NO BENTHOS SIPUNCULA	enumeration identification	Plankton Number Identification Fish, marine Number Identification Morphometrics Reproduction Food Fish, anadromous Number Identification Morphometrics Reproduction Food	Water Column Metals Nutrients Chlorophyll Dissolved oxygen Major elements Other	Atmosphere Wind speed Wind direction Temperature Water Column Temperature Conductivity Current speed Current direction Turbidity	
75-0006A	ARCTIC BIOLOGICAL STATION; M.V. PANDORA II	05/08/75	Tuktoyaktuk Shelf	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Decapoda Isopoda Tanaidacea Ostracoda Pycnogonida BRACHIOPODA BRYOZOA ES	enumeration formalin dry biomass identification		Water Column Hydrocarbons Metals Nutrients Dissolved oxygen Other Suspended Particulates Hydrocarbons Other	Water Column Salinity Thickness Temperature Suspended Particulates Particle size	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
75-0006A (Cont'd.)	ARCTIC BIOLOGICAL STATION; M.V. PANDORA II			CHORDATA Ascidiacea CNIDARIA Anthozoa ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Candofoveata Gastropoda Pelecypoda Solenogastres NEMATA NEMERTEA PLATYHELMINTHES Turbellaria POGONOPHORA PRIAPULIDA SIPUNCULIDA UNKNOWN			Sediment Hydrocarbons Metals Other Biota Hydrocarbons Metals		
75-0006B	ARCTIC BIOLOGICAL STATION; R.V. PISCES IV	02/09/75	Herschel Basin	ARTHROPODA Malacostraca Isopoda CNIDARIA Anthozoa Hydrozoa COMMUNITY ECHINODERMATA Stelleroidea MOLLUSCA Gastropoda Pelecypoda FORIFERA	biomass enumeration visual observations				
75-0012A	ARCTIC BIOLOGICAL STATION; Helicopter	17/06/75	Herschel Canyon, Tuktoyaktuk Shelf	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Isopoda Tanaidacea Ostracoda	enumeration formalin dry biomass identification		Water Column Nutrients Chlorophyll Dissolved oxygen	Water Column Salinity Temperature Transparency	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
75-0012A (Cont'd.)	ARCTIC BIOLOGICAL STATION; Helicopter			CHORDATA Ascidiacea CNIDARIA Anthozoa ECHINODERMATA Holothuroidea MOLLUSCA Caudofoveata Gastropoda Pelecypoda Scaphopoda NEMATA NEMERTEA PRIAPULIDA SIPUNCULIDA UNKNOWN					
75-0012B	ARCTIC BIOLOGICAL STATION; M.V. SALVELINUS	13/07/75	Kugmallit Bay (Mason Bay)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Isopoda Mysidacea Ostracoda CHORDATA Ascidiacea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PRIAPULIDA	enumeration formalin dry biomass identification		Water Column Nutrients Chlorophyll Dissolved oxygen	Water Column Salinity Temperature Transparency	
75-0012C	ARCTIC BIOLOGICAL STATION; Small craft	07/07/75	Tuktoyaktuk Shelf (Tuktoyaktuk Harbour to McKinley Bay)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Insecta	enumeration formalin dry biomass identification				

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
75-0012C (Cont'd.)	ARCTIC BIOLOGICAL STATION; Small craft			ARTHROPODA Malacostraca Amphipoda Cumacea Isopoda Mysidacea Ostracoda BRYOZOA CHORDATA Ascidiacea MOLLUSCA Pelecypoda NEMATA NEMERTEA PRIAPULIDA UNKNOWN					
75-0025A	FISHERIES AND MARINE SERVICE, WHITEHORSE AND ARCTIC BIOLOGICAL STATION for Beaufort Sea Project; Ice camp	10/05/75	Mackenzie Bay (Yukon Coast)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Isopoda Mysidacea Ostracoda MOLLUSCA Gastropoda Pelecypoda PRIAPULIDA	enumeration formalin dry biomass identification	Fish, marine Number Identification Morphometrics Age Reproduction Food Fish, anadromous Number Identification Morphometrics Age Reproduction Food	Water Column Metals Nutrients Major elements Other	Water Column Temperature Conductivity Turbidity	
75-0025B	FISHERIES AND MARINE SERVICE, WHITEHORSE AND ARCTIC BIOLOGICAL STATION for Beaufort Sea Project; Small craft	16/07/75	Mackenzie Bay (Yukon Coast)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Isopoda Mysidacea Ostracoda CNIDARIA Scyphozoa	enumeration formalin dry biomass identification	Fish, marine Number Identification Morphometrics Age Reproduction Food Fish, anadromous Number Identification Morphometrics		Water Column Temperature Conductivity	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
75-0025B (Cont'd.)	FISHERIES AND MARINE SERVICE, WHITEHORSE AND ARCTIC BIOLOGICAL STATION for Beaufort Sea Project; Small craft			ECHINODERMATA Holothuroidea MOLLUSCA Gastropoda Pelecypoda NEMERTEA PRIAPULIDA		Fish, anadromous (Cont.) Age Reproduction Food			
75-0026	BORCOR ENGINEERING AND RESEARCH LTD. for Beaufort Sea Project, Dept. of Environment; Inflatable boat	17/07/75 -22/07/75	Cape Parry (Balaena Bay)	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Decapoda CNIDARIA Anthozoa Hydrozoa ECHINODERMATA Echinoidea Holothuroidea MOLLUSCA Pelecypoda NEMERTEA PRIAPULIDA	enumeration identification	Plankton Number Identification Physiology Other	Water Column Hydrocarbons Chlorophyll Other	Ice Thickness Water Column Salinity Temperature Other	Oil spill experiment
75-0042	AQUATIC ENVIRONMENTS LIMITED for Canadian Arctic Gas Study Limited; Small craft	02/07/75 -22/09/75	Shallow Bay	ANNELIDA Oligochaeta ARTHROPODA Insecta Malacostraca Amphipoda NEMATA	enumeration identification	Fish, marine Number Identification Morphometrics Age Reproduction Food Fish, anadromous Number Identification Morphometrics Age Reproduction Food	Water Column Nutrients Dissolved oxygen Major elements Other	Water Column Temperature Conductivity Turbidity Transparency Water level	
75-0060	ARCTIC BIOLOGICAL STATION; M.V. SALVELINUS	27/07/75 -29/07/75	Mackenzie Bay (Herschel Island)	INCOMPLETE					

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
76-0003	F.F. SLANEY AND CO. LTD. for Imperial Oil Limited; N.V. ARCTICUS and N.V. JB KEEN	14/08/76	Tuktoyaktuk Shelf	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Euphausiacea Isopoda Mysidacea Tanaidacea Ostracoda CNIDARIA COMMUNITY MOLLUSCA Pelecypoda PRIAPULIDA SIPUNCULA	enumeration identification preserved dry biomass preserved wet biomass	Plankton Number Identification Fish, marine Number Identification Morphometrics	Water Column Metals Nutrients Chlorophyll Dissolved oxygen Other Sediment Metals Major elements	Atmosphere Temperature Water Column Temperature Conductivity Turbidity Substrate Particle size	
76-0004	F.F. SLANEY AND CO. LTD. for Imperial Oil Limited; N.V. ARCTICUS	31/08/76	Tuktoyaktuk Shelf (Tuft Point)	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Cumacea Mysidacea Ostracoda CNIDARIA COMMUNITY MOLLUSCA Pelecypoda NEMATA PRIAPULIDA SIPUNCULA	enumeration identification preserved dry biomass preserved wet biomass	Plankton Number Identification Physiology Fish, marine Number Identification Morphometrics Fish, anadromous Number Identification Morphometrics	Water Column Metals Nutrients Chlorophyll Dissolved oxygen Other Sediment Other	Atmosphere Wind speed Wind direction Temperature Water Column Temperature Conductivity Current speed Current direction Turbidity Substrate Particle size	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
76-0005	F.F. SLAHEY AND CO. LTD. for Imperial Oil Limited; M.V. ARCTICUS	28/07/76	Tuktoyaktuk Shelf (Arnak L-30)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Insecta Malacostraca Amphipoda Cumacea Isopoda Ostracoda COMMUNITY MOLLUSCA Pelecypoda NEMATA Adenophorea PRIAPULIDA	enumeration identification preserved wet biomass	Plankton Number Identification Physiology Fish, marine Number Identification Morphometrics Fish, anadromous Number Identification Morphometrics	Water Column Metals Nutrients Chlorophyll Dissolved oxygen Other Sediment Metals Other	Atmosphere Wind speed Wind direction Temperature Water Column Temperature Conductivity Current speed Current direction Turbidity Transparency Substrate Particle size	
76-0020	ARCTIC BIOLOGICAL STATION; NS	14/07/76 -24/08/76	Kugmallit Bay, Liverpool Bay	INCOMPLETE					
76-0036	F.F. SLAHEY AND COMPANY LTD. for Gulf Canada Resources Inc.; Small craft	22/06/76 -19/09/76	Eskimo Lakes (Hans Bay)	INCOMPLETE					
76-0052	ARCTIC BIOLOGICAL STATION; NS	04/08/76 -05/08/76	Mackenzie Bay (Herschel Island)	INCOMPLETE					
77-0002A	AQUATIC ENVIRONMENTS LIMITED for Imperial Oil Limited; Small craft	16/07/77 -23/07/77	Tuktoyaktuk Shelf (Tuft Point)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Euphausiacea Isopoda Mysidacea CHAETOGNATHA CHORDATA Ascidiacea CNIDARIA Hydrozoa	enumeration identification	Plankton Number Identification Fish, marine Number Identification Morphometrics Reproduction Food Fish, anadromous Number Identification Morphometrics	Water Column Dissolved oxygen Other	Water Column Salinity Temperature Conductivity Turbidity	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
77-0002A (Cont'd.)	AQUATIC ENVIRONMENTS LIMITED for Imperial Oil Limited; Small craft			CTENOPHORA MOLLUSCA Gastropoda Pelecypoda NEMATA PORIFERA PRIAPULIDA		Fish, anadromous (Cont.) Reproduction Food			
77-0002B	AQUATIC ENVIRONMENTS LIMITED for Imperial Oil Limited; Small craft	27/08/77 -02/09/77	Tuktoyaktuk Shelf (Tuft Point)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Euphausiacea Isopoda Mysidacea CHAETOGNATHA CNIDARIA Hydrozoa CTENOPHORA MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PORIFERA PRIAPULIDA	enumeration identification	Plankton Number Identification Fish, marine Number Identification Morphometrics Reproduction Food Fish, anadromous Number Identification Morphometrics Reproduction Food	Water Column Dissolved oxygen Other	Water Column Salinity Temperature Conductivity Turbidity	
77-0007	SEAKEM OCEANOGRAPHY LTD. for Dome Petroleum Ltd.; M.V. CANMAR SUPPLIER V	11/07/77	Tuktoyaktuk Shelf (Kaglulik A-75, Ukalerk C-50, Kopanoar M-13, Natsek E-56, Sissuak, Nerlerk M-98, Kaglulik C-24, Silukoak F-96, Kenalooak J-94, Niterk I-40)	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Decapoda Isopoda Tanaidacea Ostracoda BRYOZOA Gymnolaemata NS Stenolaemata	enumeration formalin dry biomass identification		Water Column Metals Sediment Metals Biota Metals		

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
77-0007 (Cont'd.)	SEAKEM OCEANOGRAPHY LTD. for Dome Petroleum Ltd.; M.V. CANMAR SUPPLIER V			CHORDATA Ascidiacea CNIDARIA Anthozoa Hydrozoa ECHINODERMATA Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMERTEA PRIAPULIDA SIPUNCULA					
77-0008	BEAK CONSULTANTS LIMITED for Imperial Oil Limited; NS	19/07/77	Mackenzie Bay (Isserk F-27 Netserk F-40), Mackenzie Delta	INCOMPLETE			Water Column Metals Sediment Metals Biota Metals		
77-0009A	ENVIROCON LIMITED for Imperial Oil Limited; M.V. IMPERIAL INGERK	27/07/77	Tuktoyaktuk Shelf	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Euphausiacea Isopoda Tanaidacea Ostracoda COMMUNITY MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PLATYHELMINTHES PRIAPULIDA SIPUNCULA	enumeration formalin wet biomass identification	Plankton Number Identification Fish, marine Number Identification Food Fish, anadromous Number Identification Food	Water Column Nutrients Chlorophyll Dissolved oxygen Other Sediment Other Biota Metals	Atmosphere Wind speed Wind direction Temperature Water Column Temperature Conductivity Current speed Current direction Other Substrate Particle size	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
77-0009B	ENVIROCON LTD. for Imperial Oil Limited; M.V. ARCTIC PELLY	26/08/77	Mackenzie Bay (Isserk P-27)	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Euphausiacea Isopoda Tanaidacea Ostracoda BRYOZOA Gymnolaemata COMMUNITY MOLLUSCA Gastropoda Pelecypoda NEMATA PLATYHELMINTHES PRIAPULIDA SIPUNCULA	enumeration formalin wet biomass identification	Plankton Number Identification Fish, marine Number Identification Food Fish, anadromous Number Identification Food	Water Column Nutrients Chlorophyll Dissolved oxygen Other Sediment Other Biota Metals	Atmosphere Wind speed Wind direction Temperature Water Column Temperature Conductivity Current speed Current direction Other Substrate Particle size	
77-0020	FISHERIES AND OCEANS; Small craft	27/07/77 -01/08/77	Mackenzie Bay (King Point)	INCOMPLETE					
77-0034	ARCTIC BIOLOGICAL STATION; HS	13/07/77 -14/07/77	Mackenzie Bay (Herschel Island)	INCOMPLETE					
77-0035	ARCTIC BIOLOGICAL STATION; HS	21/07/77 -23/08/77	Eskimo Lakes, Liverpool Bay, Mackenzie Bay, Tuktyoaktuk Shelf	INCOMPLETE					
78-0002	SEAMEN OCEANOGRAPHY LTD. for Dome Petroleum Ltd.; M.V. CARMAR SUPPLIER V	19/07/78	Tuktoyuktuk Shelf (Tingmiark K-91)	ANNELIDA Polychaeta ARTHROPODA Copepoda Harpacticoida Malacostraca Amphipoda Cumacea Isopoda Tanaidacea CNIDARIA Hydrozoa	enumeration formalin dry biomass identification	Plankton Number Identification Other	Water Column Metals Dissolved oxygen Major elements Other Sediment Metals Biota Metals	Water Column Salinity Temperature Conductivity	Impact assessment

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
78-0002 (Cont'd.)	SEAKEM OCEANOGRAPHY LTD. for Dome Petroleum Ltd.; M.V. CAMMAR SUPPLIER V			ECHINODERMATA Stelleroidea MOLLUSCA Gastropoda Pelecypoda					
78-0010	SEAKEM OCEANOGRAPHY LTD. for Canadian Marine Drilling Ltd.; M.V. CAMMAR SUPPLIER V	20/08/78	Tuktoyaktuk Shelf (Tarsiut A-25)	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda Tanaidacea Ostracoda ECHINODERMATA Stelleroidea MOLLUSCA Gastropoda Pelecypoda PRIAPULIDA SIPUNCULA	enumeration formalin dry biomass identification	Plankton Number Identification Other	Water Column Metals Major elements Sediment Metals Biota Metals	Water Column Temperature Conductivity	
78-0030	FISHERIES AND OCEANS, FRESHWATER INSTITUTE; NS			INCOMPLETE					
79-0007	ARCTIC LABORATORIES LIMITED for Canadian Marine Drilling Limited; M.V. CAMMAR SUPPLIER V	22/07/79	Tuktoyaktuk Shelf (K'ilannak A-77)	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Decapoda Isopoda Tanaidacea Ostracoda BRYOZOA Gymnolaemata NS Stenolaemata CHORDATA Ascidiacea	enumeration formalin dry biomass identification		Water Column Metals Sediment Metals Other Biota Metals	Water Column Temperature Conductivity	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
79-0007 (Cont'd.)	ARCTIC LABORATORIES LIMITED for Canadian Marine Drilling Limited; M.V. CAMMAR SUPPLIER V			CNIDARIA Anthozoa Hydrozoa ECHINODERMATA Ophiuroidea HEMICHORDATA MOLLUSCA Gastropoda Pelecypoda NEMERTEA PRIAPULIDA SIPUNCULA					
79-0008	ARCTIC LABORATORIES LIMITED for Canadian Marine Drilling Limited; M.V. CAMMAR SUPPLIER V	31/08/79	Tuktoyaktuk Shelf (Kenaloonk J-94)	MOLLUSCA Pelecypoda	histopathological examination identification sex		Sediment Metals		
79-0025	ENVIRONMENTAL PROTECTION SERVICE, NORTHWEST TERRITORIES; Freight canoe	16/08/79	Mackenzie Bay (Adgo J-27, Adgo C-15)	COMMUNITY	enumeration formalin wet biomass		Water Column Metals Sediment Metals		
79-0026	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; Ice camp	13/12/79	Tuktoyaktuk Shelf (McKinley Bay)	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea NE MOLLUSCA Gastropoda Pelecypoda PRIAPULIDA	enumeration identification	Epontics Number Identification	Ice Hydrocarbons Water Column Hydrocarbons Dissolved oxygen Other	Atmosphere Wind speed Wind direction Temperature Other Ice Salinity Thickness Water Column Temperature Conductivity Current speed Current direction Water level	Oil spill equipment
79-0037	FISHERIES AND OCEANS, FRESHWATER INSTITUTE; NS	00/00/79		INCOMPLETE					

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
79-0039	FISHERIES AND OCEANS, FRESHWATER INSTITUTE; NS	00/00/79		INCOMPLETE					
80-0004A	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; NS	10/07/80 -12/07/80	Kugmallit Bay (Tuktoyaktuk Harbour)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Decapoda Isopoda BRYOZOA Gymnolaemata CNIDARIA Anthozoa Hydrozoa MOLLUSCA Gastropoda Pelecypoda NEMERTEA PRIAPULIDA SIPUNCULA	enumeration formalin dry biomass formalin wet biomass identification shell length		Sediment Other	Water Column Temperature Conductivity Substrate Particle size	Impact assessment
80-0004C	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; NS	04/09/80 -07/09/80	Kugmallit Bay (Tuktoyaktuk Harbour)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Branchiopoda Copepoda Malacostraca Amphipoda Cumacea Decapoda Euphausiacea Isopoda Mysidacea BRYOZOA Gymnolaemata CHAETOGNATHIA	enumeration formalin dry biomass formalin wet biomass identification shell length		Sediment Other	Water Column Temperature Conductivity Substrate Particle size	Impact assessment

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
80-0004C (Cont'd.)	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; BS			CHORDATA Ascidiacea CNIDARIA Anthozoa Hydrozoa MOLLUSCA Gastropoda Pelecypoda NEMERTEA PLATYHELMINTHES PORIFERA PRIAPULIDA SIPUNCULA					
80-0006	BEAK CONSULTANTS LIMITED for Esso Resources Canada Limited; N.V. IMPERIAL INDEX	27/08/80	Tuktoyaktuk Shelf (Issungnak O-61)	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Decapoda Isopoda Mysidacea Tanaidacea Ostracoda Pycnogonida BRYOZOA Phylactolaemata CHAETOGNATHA CNIDARIA Anthozoa Hydrozoa COMMUNITY ECHINODERMATA Holothuroidea Stelleroidea ECHIURA MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA	enumeration formalin wet biomass identification	Fish, marine Food	Sediment Metals Major elements Other Biota Metals	Substrate Particle size	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
80-0006 (Cont'd.)	BEAK CONSULTANTS LIMITED for Esso Resources Canada Limited; M.V. IMPERIAL INNUIT			PRIAPULIDA SIPUNCULA UNKNOWN					
80-0025	LGL ECOLOGICAL RESEARCH ASSOCIATES INC. for Bureau of Land Management, U.S. Dept. of the Interior; Small craft	20/08/80	Mackenzie Bay (King Point)	INCOMPLETE					
80-0031	FRESHWATER INSTITUTE, FISHERIES AND OCEANS; Small craft	11/09/80 -12/09/80	Kugmallit Bay (Tuktoyaktuk Harbour)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Copepoda Insecta Malacostraca Amphipoda Isopoda Mysidacea Ostracoda CNIDARIA Anthozoa MOLLUSCA Gastropoda Pelecypoda NEMATA PRIAPULIDA	enumeration identification	Fish, marine Number Identification Morphometrics Age Reproduction Food Fish, anadromous Number Identification Morphometrics Age Reproduction Food	Sediment Other	Substrate Particle size	Part of a series of studies of Tuktoyaktuk Harbour by DFO Winnipeg
80-0033	EBA ENGINEERING LIMITED AND ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; NB	02/09/80	Tuktoyaktuk Shelf (Tarsiut B-44, South Tarsiut Borrow)	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Isopoda Tanaidacea Ostracoda ECHINODERMATA Holothuroidea MOLLUSCA Gastropoda Pelecypoda	enumeration identification		Sediment Metals Other	Substrate Particle size	This dataset was poorly documented and may be from stations impacted by island construction.

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
80-01D1A	ESA ENGINEERING CONSULTANTS LTD. AND ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; M.V. CANMAR SUPPLIER VII	12/08/80	Tuktoyaktuk Shelf (Kagloilik, Ukalerk, Uviluk)	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda Mysidacea Tanaidacea Ostracoda BRYOZOA Cyrtolaemata EF Stenolaemata CHORDATA Ascidiacea EF CNIDARIA Anthozoa Hydrozoa ECHINODERMATA Holothuroidea Stelleroidea ECHIURA MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PRIAPULIDA SIPUNCULA UNKNOWN	enumeration formalin dry biomass formalin wet biomass identification		Sediment Metals Other	Substrate Particle size	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
80-0101B	EBA ENGINEERING CONSULTANTS LTD. AND ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; M.V. MARY B VI	18/09/80	Tuktoyaktuk Shelf (Kaglulik, Ukalerk, Uviluk)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Decapoda Isopoda Mysidacea Tanaidacea Pycnogonida BRYOZOA CHORDATA Ascidiacea CNIDARIA Anthozoa Hydrozoa NF ECHINODERMATA Holothuroidea NF Stelleroidea ECHIURA MOLLUSCA Gastropoda Pelecypoda NEMERTEA SIPUNCULA UNKNOWN	enumeration formalin dry biomass formalin wet biomass identification		<u>Sediment</u> Metals Other	<u>Substrate</u> Particle size	
81-0003C	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED for Esso Resources Canada Limited, Dome Petroleum Ltd. and Gulf Canada Resources Inc.; M.V. SEQUEL	24/07/81	Tuktoyaktuk Shelf (Issungnak O-61)	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda Tanaidacea NF Ostracoda	enumeration identification	<u>Microbes</u> Other <u>Plankton</u> Number Identification	<u>Water Column</u> Hydrocarbons Metals Nutrients Chlorophyll Dissolved oxygen Other <u>Sediment</u> Hydrocarbons Metals	<u>Ice</u> Thickness <u>Water Column</u> Salinity Temperature Conductivity <u>Substrate</u> Particle size	Part of a year-long study.

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
81-0003C (Cont'd.)	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED for Esso Resources Canada Limited, Dome Petroleum Ltd. and Gulf Canada Resources Inc.; M.V. SIQUEL			CNIDARIA Hydrozoa ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PORIFERA SIPUNCULA					
81-0003I	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED for Esso Resources Canada Limited, Dome Petroleum Ltd. and Gulf Canada Resources Inc.; Ice camp	17/06/81	Tuktoyaktuk Shelf (Issungnak O-61)	ANNELIDA Polychaeta ARTHROPODA Arachnida Copepoda Malacostraca Isopoda Tanaidacea Ostracoda BRYOZOA Phylactolaemata CNIDARIA Hydrozoa ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA	enumeration identification	Plankton Number Identification	Ice Nutrients Chlorophyll	Ice Salinity Thickness Other	Part of a year-long study.
81-0003Y	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED for Esso Resources Canada Limited, Dome Petroleum Ltd. and Gulf Canada Resources Inc.; M.V. SIQUEL	25/09/81	Tuktoyaktuk Shelf (Issungnak O-61)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda Tanaidacea	enumeration identification	Plankton Number Identification	Water Column Hydrocarbons Metals Nutrients Chlorophyll Dissolved oxygen Major elements Other	Water Column Salinity Temperature Conductivity	Part of a year-long study.

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
81-0003Y (Cont'd.)	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED for Baso Resources Canada Limited, Dome Petroleum Ltd. and Gulf Canada Resources Inc.; M.V. SEQUEL			ARTHROPODA Ostracoda CNIDARIA Hydrozoa ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA SIPUNCULA					
81-0005	ARCTIC LABORATORIES LIMITED for Gulf Canada Resources Inc.; RS	14/07/81	Cape Parry (Balaena Bay)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Arachnida Copepoda Malacostraca Amphipoda Cumacea Decapoda Ostracoda CNIDARIA Hydrozoa ECHINODERMATA Holothuroidea HEMICHORDATA MOLLUSCA Gastropoda Pelecypoda PORIFERA SIPUNCULA	body length enumeration formalin wet biomass histopathological examination identification sex shell length	Shoreline flora Identification Physiology	Sediment Hydrocarbons		Oil spill equipment

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
81-0009A	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; M.V. SEQUEL	22/07/81	Mackenzie Bay (Herschel Island)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Cirripedia Copepoda Malacostraca Amphipoda Cumacea Isopoda Tanaidacea Ostracoda Pycnogonida BRYOZOA Gymnolaemata CHAETOGNATHA CHORDATA Appendicularia Ascidiacea Enteropneusta CNIDARIA Anthozoa Hydrozoa ECHINODERMATA Holothuroidea NS Stelleroidea MOLLUSCA Gastropoda Pelecypoda NOT SPECIFIED NEMATA NEMERTEA PORIFERA SIPUNCULA	enumeration formalin wet biomass identification none			Substrate Particle size	Baseline survey

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
81-0009B	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; M.V. SEQUEL	12/09/81	Mackenzie Bay (Herschel Island)	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda Mysidacea Tanaidacea Ostracoda NS BRYOZOA Gymnolaemata CHORDATA Ascidiacea NS CNIDARIA Anthozoa Hydrozoa Scyphozoa ECHINODERMATA Echinoidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NOT SPECIFIED NEMATA NEMERTEA PORIFERA SIPUNCULA	enumeration formalin wet biomass identification none			Water Column Salinity Substrate Particle size	Impact assessment

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
81-0018	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd. and Gulf Resources Ltd.; M.V. SEQUEL	11/09/81	Tuktoyaktuk Shelf (Tarsiut N-44, South Tarsiut Borrow)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda Tanaidacea Ostracoda BRYOZOA Gymnolaemata CHORDATA Ascidiacea CNIDARIA Hydrozoa ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PRIAPULIDA SIPUNCULA	enumeration formalin wet biomass identification		Sediment Hydrocarbons Metals Other	Water Column Salinity Substrate Particle size	
81-0021	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd. and Gulf Resources Inc.; M.V. CANVAS TEAL	28/07/81 -29/09/81	Banks Island Shelf, Thesiger Bay	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Cirripedia Copepoda Malacostraca Amphipoda Cumacea Decapoda Isopoda Mysidacea Tanaidacea Ostracoda Pycnogonida	enumeration formalin wet biomass identification none	Fish, marine Other Phytobenthos Other		Substrate Particle size	Baseline survey

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
81-0021 (Cont'd.)	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd. and Gulf Resources Inc.; M.V. CANMAR TEAL			BRYOZOA Gymnolaemata Stenolaemata CHORDATA Ascidiacea CNIDARIA Anthozoa Hydrozoa ECHINODERMATA Echinoidea Holothuroidea Stelleroidea ECHIURA MOLLUSCA Gastropoda Pelecypoda NOT SPECIFIED NEMATA NEMERTEA PORIFERA SIPUNCULA					
81-0027	LGL ECOLOGICAL RESEARCH ASSOCIATES INC. for Bureau of Land Management, U.S. Dept. of the Interior; M.V. SEQUEL	10/08/81	Kugmallit Bay	INCOMPLETE					
82-0093A	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED for Esso Resources Canada Limited, Dome Petroleum Ltd. and Gulf Canada Resources Inc.; Ice camp	21/02/82	Tuktoyaktuk Shelf (Issungnak O-61)	ANNELIDA Polychaeta ARTHROPODA Malacostraca Amphipoda Isopoda Mysidacea Tanaidacea CNIDARIA Hydrozoa ECHINODERMATA Holothuroidea Stelleroidea	enumeration identification	Plankton Number Identification	Water Column Hydrocarbons Metals Nutrients Chlorophyll Dissolved oxygen Other	Water Column Salinity Temperature Conductivity	Part of a year-long study.

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
82-0093A (Cont'd.)	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED for Esso Resources Canada Limited, Dome Petroleum Ltd. and Gulf Canada Resources Inc.; Ice camp			MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA					
82-0093B	ARCTIC LABORATORIES LIMITED AND BEAK CONSULTANTS LIMITED for Esso Resources Canada Limited, Dome Petroleum Ltd. and Gulf Canada Resources Inc.; Ice camp	16/04/82	Tuktoyaktuk Shelf (Issungnak O-61)	ANNELIDA Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Tanaidacea Ostracoda CNIDARIA Hydrozoa ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMERTEA	enumeration identification	Microbes Other Plankton Number Identification	Water Column Hydrocarbons Metals Nutrients Chlorophyll Dissolved oxygen Other Sediment Hydrocarbons Metals Major elements	Water Column Salinity Temperature Conductivity Substrate Particle size	Part of a year-long study.
82-0094	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; M.V. SIQUEL	03/09/82	Mackenzie Bay (Herschel Island)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Malacostraca Amphipoda Cumacea Isopoda Tanaidacea Ostracoda ECTOIDA Gymnolaemata Stenolaemata CHORDATA Ascidiacea	enumeration formalin dry biomass formalin wet biomass identification		Water Column Metals	Water Column Salinity Substrate Particle size	Impact assessment

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
82-0094 (Cont'd.)	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd.; M.V. SEQUEL			CNIDARIA Anthozoa Hydrozoa ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PORIFERA SIPUNCULA UNKNOWN					
82-0095	ENVIRONMENTAL PROTECTION SERVICE, YUKON; Inflatable boat	04/08/82	Mackenzie Bay (Yukon Coast)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Cirripedia Copepoda Malacostraca Amphipoda Cumacea Isopoda Ostracoda MOLLUSCA Pelecypoda NEMERTEA PRIAPULIDA	enumeration identification		Water Column Dissolved oxygen Other Sediment Hydrocarbons Metals Major elements Biota Metals	Water Column Salinity Temperature Conductivity Substrate Particle size	Baseline survey
82-0097	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd. and Gulf Canada Resources Inc.; M.V. SEQUEL	24/07/82	Tuktoyaktuk Shelf (Tarsiut M-44, South Tarsiut Borrow)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Cirripedia Malacostraca Amphipoda Cumacea Isopoda Mysidacea Tanaidacea Ostracoda	enumeration formalin dry biomass formalin wet biomass identification none		Sediment Hydrocarbons Metals	Water Column Salinity Substrate Particle size	Follow up to 1981 study

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
82-0897 (Cont'd.)	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd. and Gulf Canada Resources Inc.; M.V. SEQUEL			BRYOZOA Gymnolaemata CHORDATA Ascidiacea CNIDARIA Hydrozoa ECHINODERMATA Echinoidea Holothuroidea ECHIURA MOLLUSCA Gastropoda Pelecypoda NOT SPECIFIED NEMATA NEMERTEA PRIAPULIDA SIPUNCULA UNKNOWN					
82-0898	ENVIRONMENTAL PROTECTION SERVICE, NORTHWEST TERRITORIES for Dome Petroleum Ltd., Esso Resources Canada Ltd., Gulf Canada Resources Inc., Environment Canada and Dept. of Indian Affairs and Northern Development; M.V. SARPIK	17/07/82	Kugmallit Bay, Tuktoyaktuk Shelf (Tuktoyaktuk Harbour, Tuft Point, Hutchison Bay, McKinley Bay)	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Copepoda Malacostraca Amphipoda Cumacea Isopoda Mysidacea Ostracoda BRYOZOA CHORDATA Ascidiacea [illegible] CNIDARIA Hydrozoa MOLLUSCA Gastropoda Pelecypoda NEMATA NEMERTEA PRIAPULIDA UNKNOWN	enumeration identification		Sediment Hydrocarbons Metals Other	Substrate Particle size	

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
82-0112	FISHERIES AND OCEANS, FRESHWATER INSTITUTE; AS	NS/NS/82		INCOMPLETE					
83-0046	ARCTIC LABORATORIES LIMITED for Dome Petroleum Ltd. and Gulf Resources Inc.; M.V. ROBERT LEMEUR	31/07/83	Banks Island Shelf, Thesiger Bay	ANNELIDA Oligochaeta Polychaeta ARTHROPODA Cirripedia Copepoda Malacostraca Amphipoda Cumacea Decapoda Isopoda Mysidacea Tanaidacea Ostracoda Pycnogonida BRYOZOA Gymnolaemata NS CHORDATA Ascidiacea CNIDARIA Anthozoa Hydrozoa ECHINODERMATA Holothuroidea Stelleroidea MOLLUSCA Gastropoda Pelecypoda NOT SPECIFIED NEMATA NEMERTEA SIPUNCULA UNKNOWN	enumeration formalin dry biomass formalin wet biomass identification none	Fish, marine Other Phytobenthos Other		Substrate Particle size	
83-0047	ENVIRONMENTAL PROTECTION SERVICE, YUKON; Small craft	02/08/83 -04/08/83	Mackenzie Bay (Stokes Point)	INCOMPLETE					

TABLE 1. DATA SET LISTING

Data Set I.D.	Collecting Agency; Ship/Platform	Collecting Period	Area(s)	Taxa Reported	Measurements	Concurrent Biological Measurements	Concurrent Chemical Measurements	Concurrent Physical Measurements	Remarks
84-0023	MCMASTER UNIVERSITY AND ENVIRONMENTAL PROTECTION SERVICE, NORTHWEST TERRITORIES; M.V. SEQUEL	01/06/84 -31/08/84	Herschel Basin, Kugmallit Bay, Mackenzie Bay, Tuktoyaktuk Shelf	INCOMPLETE					
84-0047	ENVIRONMENTAL PROTECTION SERVICE, YUKON; Small craft	01/08/84 -07/08/84	Mackenzie Bay (King Point, Stokes Point)	INCOMPLETE					
85-0019	ARCHIPELAGO MARINE RESEARCH LTD. for Fisheries and Oceans, Freshwater Institute; NS	NS/NS/85		INCOMPLETE					
86-0001	ARCTIC LABORATORIES LIMITED, LGL LIMITED AND ENVIRONMENTAL PROTECTION SERVICE, NORTHWEST TERRITORIES; M.V. J.P. TULL	24/08/86 -28/08/86	Continental Slope	INCOMPLETE					
86-0002	ARCTIC LABORATORIES LIMITED, LGL LIMITED AND ENVIRONMENTAL PROTECTION SERVICE, NORTHWEST TERRITORIES; M.V. SARPIK	19/08/86 -22/08/86	Kugmallit Bay (Tuktoyaktuk Harbour), Kukyuktuk Bay	INCOMPLETE					

9. DATA INVENTORY TABLE 2: LISTING OF DATA BY PARAMETER

An outline of the organization of the data inventory tables and instructions for use of the catalogue are found in Section 5.

TABLE 2 LEGEND

This table is organized by data set and then by parameter (measurement). For each measurement, a brief description of methodology is given followed by a listing of the taxa measured at the phyla/class/order level, frequency, data quality rating and additional notes. Abbreviations used in Table 2 are described in the preface to Table 1 (page 33). Column headings are described below:

Data Set I.D. - identifies a unique data collection and allows cross-referencing to other tables in this catalogue and to catalogues for other disciplines.

Measurement; Units - describes the measurement type or category and the units reported. The abbreviation, species/DOC, refers to identification to the species level with taxonomic references for individual species fully documented.

Collection - describes the sample collection methodology.

Fixation and Preservation - describes fixation, preservation and long-term storage of the samples.

Analysis - describes the analytical methodology.

Precision and Accuracy - provides information on the precision and accuracy of the measurements.

Phyla, Class, Order - indicates that measurements were reported on biota belonging to this taxon. Data have been summarized at the order level only for the class: Malacostraca. Data are summarized at the class level for all other biota.

No. Taxa - lists the sum of the number of unique taxa (e.g. species) at each station which belong to this classification.

No. Stations - lists the number of stations at which this taxa was reported.

Rating - gives the data quality rating as described in Section 6; entries following the ':' refer to aspects of methodology or documentation which resulted in downgrading of the quality rating to the rating assigned (section 6.2)

Notes - provides notes specific to the data quality rating. Entries of the form: "Note 1" are detailed as follows:

Notes Applicable to Data Quality Ratings

In order that the reader may identify the aspects of measurement methodology or reporting that resulted in a data quality rating lower than 3, the ratings are presented in Table 2 accompanied by question number(s) (see Section 6.2). A rating of "2:2,3" for example, indicates that there was judged to be insufficient information to respond to questions 2 and 3.

Entries other than in this form, e.g. "Note 1" are described below:

Note 1 Information on sample collection was cursory and leads to some uncertainty concerning the location and time of sampling.

Note 2 No information on sample fixation or preservation was obtained, however, it must be assumed that fixation/preservation methods were adequate as specimens identifiable by a knowledgeable taxonomist were available at the time of analysis.

Note 3 Examination of mounted specimens using oil immersion magnification is required to identify some polychaetes found in the study area to the species level. The quality rating for polychaete data was downgraded because insufficient magnification was employed.

Note 4 A quality rating of 2 would normally be assigned on the basis of the reported information. However, on the basis of scrutiny of the data and investigation of methodological details, a 3 rating was assigned. Other data sets were not investigated to this extent because of time and financial limitations. This was totally the judgement of the authors.

Note 5 A quality rating of 1 was assigned to these data on the basis of the demonstrated lack of expertise of the taxonomist which was most apparent in data sets: 76-0003, 76-0004 and 76-0005.

TABLE 2. LISTING OF DATA BY PARAMETER

51-0002

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	Collection by Dr. F. Neave by orange peel grab or beam trawl.	NS	Identifications by Berkeley & Berkeley, keys specified in detail.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		1	1	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Identifications by Berkeley & Berkeley, keys specified in detail.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		4	3	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	This work presents a key by which the species recorded were identified and describes the morphological range of the specimens collected.	Specimens are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Echinodermata	Stelleroidea		1	1	3	Note 1,2

52-0001

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Identifications by Berkeley & Berkeley, keys specified in detail.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		11	1	3	Note 1,2

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

54-0003

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	Collection by Dr. F. Neave by Orange peel grab or Otter trawl.	NS	Identifications by Berkeley & Berkeley, keys specified in detail.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		24	8	3	Note 1,2

60-0003

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	NS	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	14	9	2	1,2,3,4,5,6,8
Chordata	Ascidiacea		10	8	2	1,2,3,4,5,6,8

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	NS	Identifications performed by recognized authority, specimens archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		6	1	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Identifications by Hedgpeth, keys specified in detail.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Pycnogonida	NA	1	1	3	Note 1,2

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

60-0003 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Identification of museum or reference specimens by National Museum of Canada staff.	Specimens are archived and available for reexamination. Identifications were performed by a recognized authority.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Cnidaria	Hydrozoa		5	3	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	14	9	2:3,4,5,6,8	
Chordata	Ascidiacea		10	8	2:3,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Specimens archived at the National Museum of Natural Sciences were examined by a staff taxonomist.	Specimens are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Bryozoa	Gymnolaemata		3	3	3	Note 1,2

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

60-0003 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	This work presents a key by which the species recorded were identified and describes the morphological range of the specimens collected.	Specimens are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Echinodermata	Stelleroidea		7	5	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
morphometric description; NA	NS	NS	A morphological description including length, width, number of tentacles and related information and an illustration is given for each species.	Specimens are archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Cnidaria	Hydrozoa		5	3	3	Note 1,2

61-0001

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	NS	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	6	3	2:1,2,3,4,5,6,8	
Chordata	Ascidiacea		5	4	2:1,2,3,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

61-0001 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Identifications by Hedgpeth, keys specified in detail.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Pycnogonida	NA	1	1	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Identification of museum or reference specimens by National Museum of Canada staff.	Specimens are archived and available for reexamination. Identifications were performed by a recognized authority.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Cnidaria	Hydrozoa		1	1	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	6	3	2:3,4,5,6,8	
Chordata	Ascidiacea		5	4	2:3,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Specimens archived at the National Museum of Natural Sciences were examined by a staff taxonomist.	Specimens are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Bryozoa	Gymnolaemata		2	1	3	Note 1,2

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

61-0001 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	This work presents a key by which the species recorded were identified and describes the morphological range of the specimens collected.	Specimens are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Echinodermata	Stelleroidea		7	6	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
morphometric description; NA	NS	NS	A morphological description including length, width, number of tentacles and related information and an illustration is given for each species.	Specimens are archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Cnidaria	Hydrozoa		1	1	3	Note 1,2

62-0001

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	NS	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	17	6	2:1,2,3,4,5,6,8	
Chordata	Ascidiacea		4	3	2:1,2,3,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Sample collection was not quantitative.	NS	NS	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Cumacea	3	2	1:2	

62-0001 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	Sample collection was not quantitative.	NS	Identifications in accordance with keys of Sars (1900) and Watling (1979).	Samples were archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Cumacea	3	2	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Identification of museum or reference specimens by National Museum of Canada staff.	Specimens are archived and available for reexamination. Identifications were performed by a recognized authority.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Cnidaria	Hydrozoa		3	2	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	12	6	2:3,4,5,6,8	
Chordata	Ascidiacea		4	3	2:3,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Specimens archived at the National Museum of Natural Sciences were examined by a staff taxonomist.	Specimens are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Bryozoa	Gymnolaemata		10	5	3	Note 1,2

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

62-0001 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	This work presents a key by which the species recorded were identified and describes the morphological range of the specimens collected.	Specimens are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Echinodermata	Stelleroidea		10	5	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
morphometric description; NA	NS	NS	A morphological description including length, width, number of tentacles and related information and an illustration is given for each species.	Specimens are archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Cnidaria	Hydrozoa		3	2	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
age; stage	Sample collection was not quantitative.	NS	NS	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Cumacea	3	2	2:1,2,3,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
sex; m/f/imm.	Sample collection was not quantitative.	NS	NS	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Cumacea	3	2	2:1,2,3,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

63-0001

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Sample collection was not quantitative.	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	58	19	1:2	
Arthropoda	Malacostraca	Cumacea	4	3	1:2	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	Sample collection was not quantitative.	NS	Identifications in accordance with keys of Sars (1900) and Watling (1979).	Samples were archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Cumacea	4	3	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Identification of museum or reference specimens by National Museum of Canada staff.	Specimens are archived and available for reexamination. Identifications were performed by a recognized authority.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Cnidaria	Hydrozoa		2	2	3	Note 1,2

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

63-0001 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	58	19	2:3,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	Specimens archived at the National Museum of Natural Sciences were examined by a staff taxonomist.	Specimens are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Bryozoa	Gymnolaemata		1	1	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	NS	NS	This work presents a key by which the species recorded were identified and describes the morphological range of the specimens collected.	Specimens are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Echinodermata	Stelleroidea		53	16	3	Note 1,2

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

63-0001 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
morphometric description; NA	Sample collection was not quantitative.	NS	A morphological description including length, width, number of tentacles and related information and an illustration is given for each species.	Specimens are archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Cnidaria	Hydrozoa		2	2	3	Note 1,2

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
carapace length; mm	Sample collection was not quantitative.	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	14	5	2:1,2,3,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
age; stage	Sample collection was not quantitative.	NS	NS	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Cumacea	4	3	2:1,2,3,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
reproductive condition; stage	Sample collection was not quantitative.	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	6	5	2:1,2,3,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

63-0001 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
stomach contents; NA	Sample collection was not quantitative.	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	12	1	2	1,2,3,4,5,6,8

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
sex; m/f	Sample collection was not quantitative.	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Decapoda	13	5	2	1,2,3,4,5,6,8

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
sex; m/f/imm.	Sample collection was not quantitative.	NS	NS	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Cumacea	4	3	2	1,2,3,4,5,6,8

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

71-0001A	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Six grab hauls with a 0.065 m^2 "Pettersen" grab were pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde in 9 parts water").	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		83	6	3	Note 4
Arthropoda	Malacostraca	Amphipoda	21	5	3	Note 4
Arthropoda	Malacostraca	Cumacea	3	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	4	4	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	4	4	3	Note 4
Arthropoda	Ostracoda	Podocopina	9	3	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		2	2	3	Note 4
Echinodermata	Stelleroidea		1	1	3	Note 4
Mollusca	Gastropoda		24	5	3	Note 4
Mollusca	Pelecypoda		25	6	3	Note 4
Nemata	NS		6	6	3	Note 4
Nemertea	NS		5	5	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

71-0001A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Six grab hauls with a 0.065 m^2 "Pettersen" grab were pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde in 9 parts water").	Hand sorted with a Wild M5 dissecting microscope and identified. Dr. Karin Riemann-Zurneck identified sea anemones, Dr. Irene Lubinsky identified some of the pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	
Annelida	Polychaeta		83	6	3	
Arthropoda	Malacostraca	Amphipoda	21	5	3	
Arthropoda	Malacostraca	Cumacea	3	2	3	
Arthropoda	Malacostraca	Isopoda	4	4	3	
Arthropoda	Malacostraca	Tanaidacea	4	4	3	
Arthropoda	Ostracoda	Podocopina	9	3	3	
Cnidaria	Anthozoa		1	1	3	
Echinodermata	Holothuroidea		2	2	3	
Echinodermata	Stelleroidea		1	1	3	
Mollusca	Gastropoda		24	5	3	
Mollusca	Pelecypoda		25	6	3	
Nemata	NS		6	6	3	
Nemertea	NS		5	5	3	
Sipuncula	NA		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
71-0001A (Cont'd.)	formalin dry biomass; g/m^2	Six grab hauls with a 0.065 m^2 "Pettersen" grab were pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde in 9 parts water").	Tubes and shells were excluded. Dried overnight at 100°C and weighed on a Sartorius gravimetric balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		83	6	3	Note 4
Arthropoda	Malacostraca	Amphipoda	21	5	3	Note 4
Arthropoda	Malacostraca	Cumacea	3	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	4	4	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	4	4	3	Note 4
Arthropoda	Ostracoda	Podocopina	9	3	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		2	2	3	Note 4
Echinodermata	Stelleroidea		1	1	3	Note 4
Mollusca	Gastropoda		24	5	3	Note 4
Mollusca	Pelecypoda		25	6	3	Note 4
Nemata	NS		6	6	3	Note 4
Nemertea	NS		5	5	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

71-0004A

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	Samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		53	5	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	47	5	3	Note 4
Arthropoda	Malacostraca	Cumacea	16	5	3	Note 4
Chordata	Ascidiacea		5	5	3	Note 4
Mollusca	Gastropoda		13	5	3	Note 4
Mollusca	Pelecypoda		11	5	3	Note 4
Nemata	NS		5	5	3	Note 4
Nemertea	NS		5	5	3	Note 4
Priapulida	NA		2	2	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	A reference collection is available, samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		53	5	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	47	5	3	Note 4
Arthropoda	Malacostraca	Cumacea	16	5	3	Note 4
Bryozoa	NS		1	1	3	Note 4
Chordata	Ascidiacea		5	5	3	Note 4
Mollusca	Gastropoda		13	5	3	Note 4
Mollusca	Pelecypoda		11	5	3	Note 4
Nemata	NS		5	5	3	Note 4
Nemertea	NS		5	5	3	Note 4
Porifera	Demospongiae		1	1	3	Note 4
Priapulida	NA		2	2	3	Note 4
Unknown	NA		5	5	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
71-0004A (Cont'd.)	formalin dry biomass; g/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	Tubes and shells were excluded, specimens dried and weighed.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		53	5	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	47	5	3	Note 4
Arthropoda	Malacostraca	Cumacea	16	5	3	Note 4
Bryozoa	NS		1	1	3	Note 4
Chordata	Ascidiacea		5	5	3	Note 4
Mollusca	Gastropoda		13	5	3	Note 4
Mollusca	Pelecypoda		11	5	3	Note 4
Nemata	NS		5	5	3	Note 4
Nemertea	NS		5	5	3	Note 4
Porifera			1	1	3	Note 4
Priapulida	NA		2	2	3	Note 4
Unknown	NA		5	5	3	Note 4

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
71-0004B	enumeration; number/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	Samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		10	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	4	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Mollusca	Gastropoda		2	1	3	Note 4
Mollusca	Pelecypoda		1	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Nemertea	NS		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

71-0004B (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	A reference collection is ava. le, samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		10	1	3	
Arthropoda	Malacostraca		4	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	4	1	3	Note 4
Chordata	Ascidiacea	Cumacea	1	1	3	Note 4
Mollusca	Gastropoda		2	1	3	Note 4
Mollusca	Pelecypoda		1	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Nemertea	NS		1	1	3	Note 4
Unknown	NA		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin dry biomass; g/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	Tubes and shells were excluded, specimens dried and weighed.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		10	1	3	
Arthropoda	Malacostraca		4	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	4	1	3	Note 4
Chordata	Ascidiacea	Cumacea	1	1	3	Note 4
Mollusca	Gastropoda		2	1	3	Note 4
Mollusca	Pelecypoda		1	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Nemertea	NS		1	1	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

71-0018A

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; mean number/m^2	Collection by grabs of various types, sieved through 200 micron mesh and sorted in the field. Collection was described as not quantitative.	Fixed with 70-80% ethanol.	Data are presented as percentage of the total sample composition, while the mean numbers of organisms has been reported on a mean/m^2 basis.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	1:2	
Annelida	Polychaeta		12	12	1:2	
Arthropoda	Insecta	Diptera	2	2	1:2	
Arthropoda	Malacostraca	Amphipoda	10	10	1:2	
Arthropoda	Malacostraca	Cumacea	3	3	1:2	
Arthropoda	Malacostraca	Isopoda	1	1	1:2	
Mollusca	Gastropoda		4	4	1:2	
Mollusca	Pelecypoda		7	7	1:2	
Nemata	NS		3	3	1:2	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species/DOC	Collection by grabs of various types, sieved through 200 micron mesh and sorted in the field.	Fixed with 70-80% ethanol.	NS	A reference collection was maintained.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		6	4	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	4	3	2:4,5,6,8	
Arthropoda	Malacostraca	Cumacea	2	2	2:4,5,6,8	
Arthropoda	Malacostraca	Mysidacea	1	1	2:4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

71-0018A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; order	Collection by grabs of various types, sieved through 200 micron mesh and sorted in the field. Collection was described as not quantitative.	Fixed with 70-80% ethanol.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	2:4,5,6,8	
Annelida	Polychaeta		12	12	2:4,5,6,8	
Arthropoda	Insecta	Diptera	2	2	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	10	10	2:4,5,6,8	
Arthropoda	Malacostraca	Cumacea	3	3	2:4,5,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:4,5,6,8	
Mollusca	Gastropoda		4	4	2:4,5,6,8	
Mollusca	Pelecypoda		7	7	2:4,5,6,8	
Nemata	NS		3	3	2:4,5,6,8	

71-0018B	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; mean number/m^2	Collection by grabs of various types, sieved through 200 micron mesh and sorted in the field. Collection was described as not quantitative.	Fixed with 70-80% ethanol.	Data are presented as percentage of the total sample composition, while the mean numbers of organisms has been reported on a mean/m^2 basis.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		1	1	1:2	
Arthropoda	Insecta	Diptera	1	1	1:2	
Arthropoda	Malacostraca	Amphipoda	1	1	1:2	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

71-0018B (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; order	Collection by grabs of various types, sieved through 200 micron mesh and sorted in the field. Collection was described as not quantitative.	Fixed with 70-80% ethanol.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		1	1	2:4,5,6,8	
Arthropoda	Insecta	Diptera	1	1	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	1	1	2:4,5,6,8	

72-0004A	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	Samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		5	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	5	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Mollusca	Gastropoda		2	1	3	Note 4
Mollusca	Pelecypoda		1	1	3	Note 4
Nemata	NS		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

72-0004A (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	A reference collection is available, samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		5	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	5	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Mollusca	Gastropoda		2	1	3	Note 4
Mollusca	Pelecypoda		1	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Unknown	NA		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin dry biomass; g/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	Tubes and shells were excluded, specimens dried and weighed.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		5	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	5	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Mollusca	Gastropoda		2	1	3	Note 4
Mollusca	Pelecypoda		1	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

72-00048	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	4;6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	Samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	3	Note 4
Annelida	Polychaeta		182	19	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	115	18	3	Note 4
Arthropoda	Malacostraca	Cumacea	31	14	3	Note 4
Arthropoda	Malacostraca	Isopoda	2	2	3	Note 4
Chordata	Ascidiacea		16	16	3	Note 4
Cnidaria	Hydrozoa		2	2	3	Note 4
Mollusca	Gastropoda		39	18	3	Note 4
Mollusca	Pelecypoda		36	19	3	Note 4
Nemata	NS		13	13	3	Note 4
Nemertea	NS		17	17	3	Note 4
Priapulida	NA		5	5	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

72-0004B (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	A reference collection is available, samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	3	Note 4
Annelida	Polychaeta		182	19	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	115	18	3	Note 4
Arthropoda	Malacostraca	Cumacea	31	14	3	Note 4
Arthropoda	Malacostraca	Isopoda	2	2	3	Note 4
Bryozoa	NS		2	1	3	Note 4
Chordata	Ascidiacea		16	16	3	Note 4
Cnidaria	Hydrozoa		5	4	3	Note 4
Mollusca	Gastropoda		39	18	3	Note 4
Mollusca	Pelecypoda		36	19	3	Note 4
Nemata	NS		13	13	3	Note 4
Nemertea	NS		17	17	3	Note 4
Porifera	Demospongiae		6	6	3	Note 4
Priapulida	NA		5	5	3	Note 4
Unknown	NA		18	18	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
72-0004B (Cont'd.)	formalin dry biomass; g/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	Tubes and shells were excluded, specimens dried and weighed.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	3	Note 4
Annelida	Polychaeta		182	19	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	115	18	3	Note 4
Arthropoda	Malacostraca	Cumacea	31	14	3	Note 4
Arthropoda	Malacostraca	Isopoda	2	2	3	Note 4
Bryozoa	NS		2	1	3	Note 4
Chordata	Ascidiacea		16	16	3	Note 4
Cnidaria	Hydrozoa		5	4	3	Note 4
Mollusca	Gastropoda		39	18	3	Note 4
Mollusca	Pelecypoda		37	19	3	Note 4
Nemata	NS		13	13	3	Note 4
Nemertea	NS		17	17	3	Note 4
Porifera	Demospongiae		6	6	3	Note 4
Priapulida	NA		5	5	3	Note 4
Unknown	NA		18	18	3	Note 4

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
72-0004C	enumeration; number/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	Samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		6	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	1	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Mollusca	Gastropoda		1	1	3	Note 4
Mollusca	Pelecypoda		3	1	3	Note 4
Nemata	NS		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

72-0004C (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	A reference collection is available, samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		6	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	1	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Mollusca	Gastropoda		1	1	3	Note 4
Mollusca	Pelecypoda		3	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Porifera	Demospongiae		1	1	3	Note 4
Unknown	NA		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin dry biomass; g/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	Tubes and shells were excluded, specimens dried and weighed.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		6	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	1	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Mollusca	Gastropoda		1	1	3	Note 4
Mollusca	Pelecypoda		3	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Porifera	Demospongiae		1	1	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

72-0007

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	A 25 cm x 25 cm quadrat was "tossed" and excavated to 20 cm with a shovel, washed through an 847 micron screen and the retained material hand sorted before preservation.	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Amphipoda	7	7	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	4	4	2:2,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Grab hauls were collected with a Petersen grab (0.09 m^2) and washed through an 847 micron screen (30 meshes per inch), the retained material was hand sorted before preservation.	Fixed with 10% formalin.	Data are presented as a table with all the samples collected at each station pooled.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		9	9	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	8	8	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	3	3	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	8	8	2:2,4,5,6,8	
Echiura	NA		1	1	2:2,4,5,6,8	
Mollusca	Pelecypoda		4	4	2:2,3,4,5,6,8	
Sipuncula	NA		2	2	2:2,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

72-0007 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/sample	A Beam trawl (8.2 m long, 6.35 mm cod end) was towed at 1-3 knots.	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Amphipoda	4	4	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Mysidacea	4	4	2:2,4,5,6,8	
Cnidaria	Scyphozoa		1	1	2:2,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; order	Grab hauls were collected with a Petersen grab (0.09 m^2) and washed through an 847 micron screen (30 meshes per inch), the retained material was hand sorted before preservation.	Fixed with 10% formalin.	Data are presented as a table with all the samples collected at each station pooled.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		9	9	2:4,6,8	
Arthropoda	Malacostraca	Amphipoda	8	8	2:4,6,8	
Arthropoda	Malacostraca	Cumacea	3	3	2:4,6,8	
Arthropoda	Malacostraca	Isopoda	8	8	2:4,6,8	
Echiura	NA		1	1	2:4,6,8	
Mollusca	Pelecypoda		4	4	2:3,4,6,8	
Sipuncula	NA		2	2	2:4,6,8	

72-0007 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; order	A 25 cm x 25 cm quadrat was "tossed" and excavated to 20 cm with a shovel, washed through an 847 micron screen and the retained material hand sorted before preservation.	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Amphipoda	7	7	2:4,6,8	
Arthropoda	Malacostraca	Isopoda	4	4	2:4,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; order	A Beam trawl (8.2 m long, 6.35 mm cod end) was towed at 1-3 knots.	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Amphipoda	5	5	2:4,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:4,6,8	
Arthropoda	Malacostraca	Mysidacea	5	5	2:4,6,8	
Cnidaria	Scyphozoa		1	1	2:4,6,8	
No benthos	NA		2	2	2:4,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Collected by beam trawl, Petersen grab or littoral quadrat at various stations.	Fixed with 10% formalin.	A species list is given for this dataset.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		3	1	2:4,6,8	
Arthropoda	Malacostraca	Amphipoda	8	1	2:4,6,8	
Arthropoda	Malacostraca	Cumacea	1	1	2:4,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:4,6,8	
Arthropoda	Malacostraca	Mysidacea	2	1	2:4,6,8	
Cnidaria	Hydrozoa		1	1	2:4,6,8	
Mollusca	Pelecypoda		5	1	2:3,4,6,8	
Priapulida	NA		1	1	2:4,6,8	
Sipuncula	NA		2	1	2:4,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
72-0012	identification; species/DOC	Collection by grabs of various types, sieved through 200 micron mesh and sorted in the field.	Fixed with 70-80% ethanol.	NS	A reference collection was maintained.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		4	2	1:3	
Arthropoda	Copepoda	Calanoida	1	1	1:3	
Arthropoda	Malacostraca	Amphipoda	8	4	1:3	
Arthropoda	Malacostraca	Cumacea	2	2	1:3	
Arthropoda	Malacostraca	Isopoda	4	3	1:3	
Mollusca	Pelecypoda		9	5	1:3	
Nemata	Adenophorea		4	2	1:3	
Nemertea	Enopla		1	1	1:3	

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
73-0001	enumeration; number/sample	Holes were cut through the ice with a 41 cm diam. auger, grab hauls were taken with a tall Ekman grab (0.0225 m^2) and sieved through a 500 micron mesh screen.	Fixed with 5% formalin, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		1	1	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	2	2	1:6	Note 5
Mollusca	Pelecypoda		1	1	1:6	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
73-0001 (Cont'd.)	identification; order	Holes were cut through the ice with a 41 cm diam. auger, grab hauls were taken with a tall Ekman grab (0.0225 m^2) and sieved through a 500 micron mesh screen.	Fixed with 5% formalin, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		1	1	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	2	2	1:6	Note 5
Mollusca	Pelecypoda		1	1	1:6	Note 5
No benthos	NA		1	1	1:6	Note 5

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
73-0002	enumeration; number/m^2	Five grab hauls were taken with a 0.05 m^2 Wildco Ponar grab, pooled and sieved through 500 micron mesh. Grab hauls were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		9	9	3	Note 4
Annelida	Polychaeta		174	16	3	Note 4
Arthropoda	Malacostraca	Amphipoda	90	17	3	Note 4
Arthropoda	Malacostraca	Cumacea	22	12	3	Note 4
Arthropoda	Malacostraca	Isopoda	12	9	3	Note 4
Arthropoda	Malacostraca	Mysidacea	12	12	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	8	5	3	Note 4
Arthropoda	Ostracoda	Podocopina	22	11	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		3	3	3	Note 4
Mollusca	Gastropoda		42	12	3	Note 4
Mollusca	Pelecypoda		64	15	3	Note 4
Nemata	NS		14	14	3	Note 4
Nemertea	NS		10	10	3	Note 4
Priapulida	NA		9	8	3	Note 4
Sipuncula	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

73-0002 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Five grab hauls were taken with a 0.05 m^2 Wildco Ponar grab, pooled and sieved through 500 micron mesh. Grab hauls were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Hand sorted with a Wild M5 dissecting microscope and identified. Dr. Karin Riemann-Zurneck identified sea anemones. Dr. Irene Lubinsky identified some pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		9	9	3	Note 4
Annelida	Polychaeta		174	16	3	Note 4
Arthropoda	Malacostraca	Amphipoda	90	17	3	Note 4
Arthropoda	Malacostraca	Cumacea	22	12	3	Note 4
Arthropoda	Malacostraca	Isopoda	12	9	3	Note 4
Arthropoda	Malacostraca	Mysidacea	12	12	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	8	5	3	Note 4
Arthropoda	Ostracoda	Podocopina	22	11	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		3	3	3	Note 4
Mollusca	Gastropoda		42	12	3	Note 4
Mollusca	Pelecypoda		64	15	3	Note 4
Nemata	NS		14	14	3	Note 4
Nemertea	NS		10	10	3	Note 4
Priapulida	NA		9	8	3	Note 4
Sipuncula	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

73-0002 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; g/m^2	Five grab hauls were taken with a 0.05 m^2 Wildco Ponar grab, pooled and sieved through 500 micron mesh. Grab hauls were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Tubes and shells were excluded. Dried at 100 °C overnight and weighed on a Sartorius gravimetric balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		9	9	3	Note 4
Annelida	Polychaeta		174	16	3	Note 4
Arthropoda	Malacostraca	Amphipoda	90	17	3	Note 4
Arthropoda	Malacostraca	Cumacea	22	12	3	Note 4
Arthropoda	Malacostraca	Isopoda	12	9	3	Note 4
Arthropoda	Malacostraca	Mysidacea	12	12	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	8	5	3	Note 4
Arthropoda	Ostracoda	Podocopina	22	11	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		3	3	3	Note 4
Mollusca	Gastropoda		42	12	3	Note 4
Mollusca	Pelecypoda		64	15	3	Note 4
Nemata	NS		14	14	3	Note 4
Nemertea	NS		10	10	3	Note 4
Priapulida	NA		9	8	3	Note 4
Sipuncula	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

73-0003B

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	Samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		18	2	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	9	2	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Mollusca	Gastropoda		3	2	3	Note 4
Mollusca	Pelecypoda		3	2	3	Note 4
Nemertea	NS		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	4-6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	NS	A reference collection is available, samples for which biomass was not determined are archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		18	2	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	9	2	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Mollusca	Gastropoda		3	2	3	Note 4
Mollusca	Pelecypoda		3	2	3	Note 4
Nemertea	NS		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
73-0003B (Cont'd.)	formalin dry biomass; g/m^2	4;6 hauls with a 0.065 m^2 Petterson grab (Foerst, Chicago) were pooled and sieved through 500 micron mesh.	Fixed with (1:9) formalin, transferred to 70% ethanol for storage.	Tubes and shells were excluded, specimens dried and weighed.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		18	2	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	9	2	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Mollusca	Gastropoda		3	2	3	Note 4
Mollusca	Pelecypoda		3	2	3	Note 4
Nemertea	NS		1	1	3	Note 4

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
73-0016	identification; order	NS	NS	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		21	21	1:6	Note 5
Annelida	Polychaeta		18	18	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	11	11	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	4	4	1:6	Note 5
Mollusca	Pelecypoda		10	10	1:6	Note 5
No benthos	NA		4	4	1:6	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0001	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/sample	Holes were cut through the ice with a 41 cm diam. auger, grab hauls were taken with a tall Ekman grab (0.0225 m^2) and sieved through a 500 micron mesh screen.	Fixed with 5% formalin, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		10	10	1:6	Note 5
Annelida	Polychaeta		17	17	1:6	Note 5
Arthropoda	Copepoda	NS	2	2	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	25	25	1:6	Note 5
Arthropoda	Malacostraca	Cumacea	7	7	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	9	9	1:6	Note 5
Arthropoda	Ostracoda	NS	1	1	1:6	Note 5
Cnidaria	NS		1	1	1:6	Note 5
Mollusca	Gastropoda		7	7	1:6	Note 5
Mollusca	Pelecypoda		11	11	1:6	Note 5
Nemata	NS		2	2	1:6	Note 5
Sipuncula	NA		10	10	1:6	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0001 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; order	Holes were cut through the ice with a 41 cm diam. auger, grab hauls were taken with a tall Ekman grab (0.0225 m^2) and sieved through a 500 micron mesh screen.	Fixed with 5% formalin, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		10	10	1:6	Note 5
Annelida	Polychaeta		17	17	1:6	Note 5
Arthropoda	Copepoda	NS	2	2	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	25	25	1:6	Note 5
Arthropoda	Malacostraca	Cumacea	7	7	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	9	9	1:6	Note 5
Arthropoda	Ostracoda	NS	1	1	1:6	Note 5
Cnidaria	NS		1	1	1:6	Note 5
Mollusca	Gastropoda		7	7	1:6	Note 5
Mollusca	Pelecypoda		11	11	1:6	Note 5
Nemata	NS		2	2	1:6	Note 5
No benthos	NA		5	5	1:6	Note 5
Sipuncula	NA		10	10	1:6	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0003	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/sample	Stations were sampled with a (0.0225 m^2) tall Ekman grab, 4 or 5 grab hauls were taken on each station visit, stations were visited from 1 to 5 times, samples were sieved through 500 micron mesh.	Fixed with 5% formalin, transferred to 70% ethanol for storage.	The total number of organisms collected at each station over the collection period was reported by order.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		12	12	1:6	Note 5
Annelida	Polychaeta		13	13	1:6	Note 5
Arthropoda	Branchiopoda	Cladocera	1	1	1:6	Note 5
Arthropoda	Copepoda	NS	3	3	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	16	16	1:6	Note 5
Arthropoda	Malacostraca	Cumacea	1	1	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	11	11	1:6	Note 5
Arthropoda	Malacostraca	Mysidacea	4	4	1:6	Note 5
Arthropoda	Ostracoda	NS	1	1	1:6	Note 5
Cnidaria	NS		1	1	1:6	Note 5
Mollusca	Gastropoda		2	2	1:6	Note 5
Mollusca	Pelecypoda		4	4	1:6	Note 5
Nemata	NS		5	5	1:6	Note 5
Sipuncula	NA		10	10	1:6	Note 5
Unknown	NA		2	2	1:6	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0003 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; order	Stations were sampled with a (0.0225 m^2) tall Ekman grab, 4 or 5 grab hauls were taken on each station visit, stations were visited from 1 to 5 times, samples were sieved through 500 micron mesh.	Fixed with 5% formalin, transferred to 70% ethanol for storage.	Keys used were specified, however they do not include several commonly cited keys available for the Arctic.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		12	12	1:6	Note 5
Annelida	Polychaeta		13	13	1:6	Note 5
Arthropoda	Branchiopoda	Cladocera	1	1	1:6	Note 5
Arthropoda	Copepoda	NS	3	3	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	16	16	1:6	Note 5
Arthropoda	Malacostraca	Cumacea	1	1	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	11	11	1:6	Note 5
Arthropoda	Malacostraca	Mysidacea	4	4	1:6	Note 5
Arthropoda	Ostracoda	NS	1	1	1:6	Note 5
Cnidaria	NS		1	1	1:6	Note 5
Mollusca	Gastropoda		2	2	1:6	Note 5
Mollusca	Pelecypoda		4	4	1:6	Note 5
Nemata	NS		5	5	1:6	Note 5
No benthos	NA		3	3	1:6	Note 5
Sipuncula	NA		10	10	1:6	Note 5
Unknown	NA		2	2	1:6	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
74-0003 (Cont'd.)	identification; species	Beam tows of 20 min. duration at an est. 4.8 kmh were taken with a 2.5 m x 1.6 m beam trawl fitted with a 7.4 m net composed of 6.4 mm to 5.1 mm (stretched) mesh. Representative individuals were retained from each catch. Some animals were observed in tows but not retained in samples.	Not specified, probably 5% formalin as used in the grab sampling.	Keys used were specified, however they do not include several commonly cited keys available for the Arctic.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Amphipoda	49	17	1:6	Note 5
Arthropoda	Malacostraca	Cumacea	1	1	1:6	Note 5
Arthropoda	Malacostraca	Euphausiacea	4	4	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	16	15	1:6	Note 5
Arthropoda	Malacostraca	Mysidacea	15	15	1:6	Note 5
Cnidaria	Hydrozoa		4	4	1:6	Note 5
Mollusca	Gastropoda		2	2	1:6	Note 5
Mollusca	Pelecypoda		3	3	1:6	Note 5
No benthos	NA		11	11	1:6	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0008	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Three to five grabs were taken with a (0.065 m^2) "Pettersen" grab or a (0.05 m^2) Wildco Ponar grab, in some cases 1/2 of the grab was removed for sediment analysis, the remainder was pooled and sieved through 500 micron mesh. Grab hauls were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Hirudinoidea		2	2	3	Note 4
Annelida	Oligochaeta		6	6	3	Note 4
Annelida	Polychaeta		245	16	3	Note 4
Arthropoda	Malacostraca	Amphipoda	67	15	3	Note 4
Arthropoda	Malacostraca	Cumacea	30	13	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	17	13	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	26	12	3	Note 4
Arthropoda	Ostracoda	Myodocopina	5	5	3	Note 4
Arthropoda	Ostracoda	Podocopina	15	5	3	Note 4
Bryozoa	Gymnolaemata		1	1	3	Note 4
Chordata	Ascidiacea		3	3	3	Note 4
Cnidaria	Anthozoa		4	3	3	Note 4
Cnidaria	Hydrozoa		3	2	3	Note 4
Echinodermata	Holothuroidea		4	4	3	Note 4
Echinodermata	Stelleroidea		7	6	3	Note 4
Mollusca	Gastropoda		55	15	3	Note 4
Mollusca	Pelecypoda		79	15	3	Note 4
Nemata	NS		12	12	3	Note 4
Nemertea	NS		13	13	3	Note 4
Pogonophora	Pogonophora		1	1	3	Note 4
Priapulida	NA		2	2	3	Note 4
Sipuncula	NA		4	4	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0008 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Three to five grabs were taken with a (0.065 m^2) "Pettersen" grab or a (0.05 m^2) Wildco Ponar grab, in some cases 1/2 of the grab was removed for sediment analysis, the remainder was pooled and sieved through 500 micron mesh. Grab hauls were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Hand sorted with a Wild M5 dissecting microscope and identified. Dr. Karin Riemann-Zurneck identified sea anemones. Dr. Irene Lubinsky identified some pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Hirudinoidea		2	2	3	Note 4
Annelida	Oligochaeta		6	6	3	Note 4
Annelida	Polychaeta		245	16	3	Note 4
Arthropoda	Malacostraca	Amphipoda	67	15	3	Note 4
Arthropoda	Malacostraca	Cumacea	30	13	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	17	13	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	26	12	3	Note 4
Arthropoda	Ostracoda	Myodocopina	5	5	3	Note 4
Arthropoda	Ostracoda	Podocopina	15	5	3	Note 4
Bryozoa	Gymnolaemata		1	1	3	Note 4
Chordata	Ascidiacea		3	3	3	Note 4
Cnidaria	Anthozoa		4	3	3	Note 4
Cnidaria	Hydrozoa		3	2	3	Note 4
Echinodermata	Holothuroidea		4	4	3	Note 4
Echinodermata	Stelleroidea		7	6	3	Note 4
Mollusca	Gastropoda		55	15	3	Note 4
Mollusca	Pelecypoda		79	15	3	Note 4
Nemata	NS		12	12	3	Note 4
Nemertea	NS		13	13	3	Note 4
Pogonophora	Pogonophora		1	1	3	Note 4
Porifera	Demospongiae		1	1	3	Note 4
Priapulida	NA		2	2	3	Note 4
Sipuncula	NA		4	4	3	Note 4
Unknown	NA		7	7	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0008 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; g/m^2	Three to five grabs were taken with a (0.065 m^2) "Petterson" grab or a (0.05 m^2) Wildco Ponar grab, in some cases 1/2 of the grab was removed for sediment analysis, the remainder was pooled and sieved through 500 micron mesh. Grab hauls were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Tubes and shells were excluded. Dried at 100 °C overnight and weighed on a Sartorius gravimetric balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Hirudinoidea		2	2	3	Note 4
Annelida	Oligochaeta		6	6	3	Note 4
Annelida	Polychaeta		245	16	3	Note 4
Arthropoda	Malacostraca	Amphipoda	67	15	3	Note 4
Arthropoda	Malacostraca	Cumacea	30	13	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	17	13	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	26	12	3	Note 4
Arthropoda	Ostracoda	Myodocopina	5	5	3	Note 4
Arthropoda	Ostracoda	Podocopina	15	5	3	Note 4
Bryozoa	Gymnolaemata		1	1	3	Note 4
Chordata	Ascidiacea		3	3	3	Note 4
Cnidaria	Anthozoa		4	3	3	Note 4
Cnidaria	Hydrozoa		3	2	3	Note 4
Echinodermata	Holothuroidea		4	4	3	Note 4
Echinodermata	Stelleroidea		7	6	3	Note 4
Mollusca	Gastropoda		55	15	3	Note 4
Mollusca	Pelecypoda		79	15	3	Note 4
Nemata	NS		12	12	3	Note 4
Nemertea	NS		13	13	3	Note 4
Pogonophora	Pogonophora		1	1	3	Note 4
Porifera	Demospongiae		1	1	3	Note 4
Priapulida	NA		2	2	3	Note 4
Sipuncula	NA		4	4	3	Note 4
Unknown	NA		7	7	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0011

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; mean number/m^2	Three grab hauls were collected with a Ponar grab (0.0528 m^2) at each station and sieved through a set of Canadian Standard Sieves with the smallest being 450 microns.	Fixed in 10% formalin.	Data are presented as the mean and range of three replicate grabs per station converted to a per square meter basis.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		11	11	2:4,5,6	
Annelida	Polychaeta		5	5	2:4,5,6	
Arthropoda	Arachnida	Acariformes	1	1	2:4,5,6	
Arthropoda	Copepoda	NS	6	6	2:4,5,6	
Arthropoda	Insecta	Diptera	12	8	2:4,5,6	
Arthropoda	Malacostraca	Amphipoda	15	15	2:4,5,6	
Arthropoda	Malacostraca	Isopoda	3	3	2:4,5,6	
Arthropoda	Malacostraca	Mysidacea	1	1	2:4,5,6	
Arthropoda	Ostracoda	NS	1	1	2:4,5,6	
Nemata	NS		5	5	2:4,5,6	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; order	Three grab hauls were collected with a Ponar grab (0.0528 m^2) at each station and sieved through a set of Canadian Standard Sieves with the smallest being 450 microns.	Fixed in 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		11	11	2:4,5,6,8	
Annelida	Polychaeta		5	5	2:4,5,6,8	
Arthropoda	Arachnida	Acariformes	1	1	2:4,5,6,8	
Arthropoda	Copepoda	NS	6	6	2:4,5,6,8	
Arthropoda	Insecta	Diptera	12	8	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	15	15	2:4,5,6,8	
Arthropoda	Malacostraca	Isopoda	3	3	2:4,5,6,8	
Arthropoda	Malacostraca	Mysidacea	1	1	2:4,5,6,8	
Arthropoda	Ostracoda	NS	1	1	2:4,5,6,8	
Nemata	NS		5	5	2:4,5,6,8	
No benthos	NA		1	1	2:4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0019

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	A 36 cm diam. hole was cut through the ice and Ekman grab hauls collected, size of grab and number of hauls not specified, sieved through a 500 micron sieve bucket and separated from detritus by hand, detritus fraction discarded.	Fixed in 10% formalin.	NS	Due to the shallow depth of water underlying the ice it is probable that the benthic community at several of the stations was disturbed by the augering of the ice.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		3	3	1:1,2,6,8	Note 5
Arthropoda	Malacostraca	Amphipoda	3	3	1:1,2,6,8	Note 5
Arthropoda	Malacostraca	Isopoda	2	2	1:1,2,6,8	Note 5

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; order	A 36 cm diam. hole was cut through the ice and Ekman grab hauls collected, size of grab and number of hauls not specified, sieved through a 500 micron sieve bucket and separated from detritus by hand, detritus fraction discarded.	Fixed in 10% formalin.	NS	Due to the shallow depth of water underlying the ice it is probable that the benthic community at several of the stations was disturbed by the augering of the ice.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		3	3	1:6,8	Note 5
Arthropoda	Malacostraca	Amphipoda	3	3	1:6,8	Note 5
Arthropoda	Malacostraca	Isopoda	2	2	1:6,8	Note 5
Mollusca	Pelecypoda		7	7	1:3,6,8	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

74-0117	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	visual observations; NA	NA	NA	Visual observations were made from the Pisces IV submersible by an experienced biologist. Species observed, substrate and estimated density and biomass were recorded.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Isopoda	1	1	2:4,6,8	
Arthropoda	Pycnogonida	NA	1	1	2:4,6,8	
Cnidaria	Anthozoa		1	1	2:4,6,8	
Echinodermata	Stelleroidea		6	1	2:4,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
biomass; g/m^2	NA	NA	Visual estimates of density were converted to biomass estimates based on average dried biomass for specimens at the Arctic Biological Station.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		1	1	2:4,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0004	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/sample	Tows at 3.7 to 5.6 kmh for 20 min. with a 1 m^2 mouth epibenthic sled, sled net was 3m long with 12.7 mm, 6.4 mm and 3.2 mm cod end mesh, volume recorded with a TSK flow meter.	Fixed with 5% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Copepoda	NS	1	1	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	5	5	1:6	Note 5
Arthropoda	Malacostraca	Cumacea	1	1	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	4	4	1:6	Note 5
Arthropoda	Malacostraca	Mysidacea	5	5	1:6	Note 5
Cnidaria	NS		3	3	1:6	Note 5

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Five grab hauls collected at each station visit with a 0.0225 m^2 tall Ekman grab, some stations visited more than once, sieved through 500 micron brass sieve.	Fixed with 5% formalin solution.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	1:6	Note 5
Annelida	Polychaeta		16	16	1:6	Note 5
Arthropoda	Copepoda	NS	1	1	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	14	14	1:6	Note 5
Arthropoda	Malacostraca	Cumacea	9	9	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	8	8	1:6	Note 5
Arthropoda	Malacostraca	Mysidacea	3	3	1:6	Note 5
Arthropoda	Ostracoda	NS	2	2	1:6	Note 5
Mollusca	Gastropoda		4	4	1:3,6	Note 5
Mollusca	Pelecypoda		12	12	1:3,6	Note 5
Nemata	NS		2	2	1:6	Note 5
Sipuncula	NA		7	7	1:6	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0004 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; order	Five grab hauls collected at each station visit with a 0.0225 m^2 tall Ekman grab, some stations visited more than once, sieved through 500 micron brass sieve.	Fixed with 5% formalin solution.	Identifications performed with 10x magnification using a dissecting binocular microscope.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	1:6	Note 5
Annelida	Polychaeta		16	16	1:6	Note 5
Arthropoda	Copepoda	NS	1	1	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	14	14	1:6	Note 5
Arthropoda	Malacostraca	Cumacea	9	9	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	8	8	1:6	Note 5
Arthropoda	Malacostraca	Mysidacea	3	3	1:6	Note 5
Arthropoda	Ostracoda	NS	2	2	1:6	Note 5
Mollusca	Gastropoda		4	4	1:3,6	Note 5
Mollusca	Pelecypoda		12	12	1:3,6	Note 5
Nemata	NS		2	2	1:6	Note 5
No benthos	NA		2	2	1:6	Note 5
Sipuncula	NA		7	7	1:6	Note 5

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; order	Tows at 3.7 to 5.6 kmh, for 20 min. with a 1 m^2 mouth epibenthic sled, sled net was 3m long with 12.7 mm, 6.4 mm and 3.2 mm cod end mesh, volume recorded with a TSK flow meter.	Fixed with 5% formalin.	Identifications performed with 10x magnification using a binocular dissecting microscope.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Copepoda	NS	1	1	1:6	Note 5
Arthropoda	Malacostraca	Amphipoda	5	5	1:6	Note 5
Arthropoda	Malacostraca	Cumacea	1	1	1:6	Note 5
Arthropoda	Malacostraca	Isopoda	4	4	1:6	Note 5
Arthropoda	Malacostraca	Mysidacea	5	5	1:6	Note 5
Cnidaria	NS		3	3	1:6	Note 5

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0006A	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/sample	Tows were made at either 2 or 4 knots for 5-16 min. with a dredge of custom design, 1 m wide, 2 m long with a 5 mm mesh. At one station only half of the sample collected was preserved.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		40	3	2:2	
Arthropoda	Malacostraca	Amphipoda	17	3	2:2	
Arthropoda	Malacostraca	Cumacea	2	2	2:2	
Arthropoda	Malacostraca	Decapoda	5	3	2:2	
Arthropoda	Malacostraca	Isopoda	7	3	2:2	
Arthropoda	Pycnogonida	NA	3	2	2:2	
Brachiopoda	Articulata		1	1	2:2	
Bryozoa	NS		2	2	2:2	
Cnidaria	Anthozoa		4	2	2:2	
Echinodermata	Stelleroidea		9	2	2:2	
Mollusca	Gastropoda		15	2	2:2	
Mollusca	Pelecypoda		26	3	2:2	
Nemertea	NS		1	1	2:2	
Sipuncula	NA		2	2	2:2	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0006A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Three grab hauls with a Wildco Petersen grab (0.09 m^2) were pooled and sieved through 500 micron mesh. Grab hauls were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde in 9 parts water").	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		85	7	3	Note 4
Arthropoda	Malacostraca	Amphipoda	28	5	3	Note 4
Arthropoda	Malacostraca	Cumacea	11	5	3	Note 4
Arthropoda	Malacostraca	Isopoda	9	6	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	9	5	3	Note 4
Arthropoda	Ostracoda	Myodocopina	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	3	3	3	Note 4
Brachiopoda	Articulata		2	1	3	Note 4
Bryozoa	NS		1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		2	2	3	Note 4
Echinodermata	Stelleroidea		4	3	3	Note 4
Mollusca	Caudofoveata		1	1	3	Note 4
Mollusca	Gastropoda		17	6	3	Note 4
Mollusca	Pelecypoda		26	6	3	Note 4
Mollusca	Solenogastres		1	1	3	Note 4
Nemata	NS		4	4	3	Note 4
Nemertea	NS		3	3	3	Note 4
Platyhelminthes	Turbellaria		1	1	3	Note 4
Pogonophora	Pogonophora		1	1	3	Note 4
Priapulida	NA		2	2	3	Note 4
Sipuncula	NA		2	2	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0006A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Tows were made at either 2 or 4 knots for 5-16 min. with a dredge of custom design, 1 m wide, 2 m long with a 5 mm mesh. At one station only half of the sample collected was preserved.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Hand sorted with a Wild M5 dissecting microscope and identified. Dr. Karin Riemann-Zurneck identified sea anemones, Dr. Irene Lubinsky identified some of the pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		40	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	17	3	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	2	3	Note 4
Arthropoda	Malacostraca	Decapoda	5	3	3	Note 4
Arthropoda	Malacostraca	Isopoda	7	3	3	Note 4
Arthropoda	Pycnogonida	NA	3	2	3	Note 4
Brachiopoda	Articulata		1	1	3	Note 4
Bryozoa	NS		2	2	3	Note 4
Cnidaria	Anthozoa		4	2	3	Note 4
Echinodermata	Stelleroidea		9	2	3	Note 4
Mollusca	Gastropoda		15	2	3	Note 4
Mollusca	Pelecypoda		26	3	3	Note 4
Nemertea	NS		1	1	3	Note 4
Sipuncula	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0006A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	Identification; species	Three grab hauls with a Wildco Petersen grab (0.09 m^2) were pooled and sieved through 500 micron mesh. Grab hauls were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde in 9 parts water").	Hand sorted with a Wild M5 dissecting microscope and identified. Dr. Karin Riemann-Zurneck identified sea anemones, Dr. Irene Lubinsky identified some of the pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		85	7	3	Note 4
Arthropoda	Malacostraca	Amphipoda	28	5	3	Note 4
Arthropoda	Malacostraca	Cumacea	11	5	3	Note 4
Arthropoda	Malacostraca	Isopoda	9	6	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	9	5	3	Note 4
Arthropoda	Ostracoda	Myodocopina	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	3	3	3	Note 4
Brachiopoda	Articulata		2	1	3	Note 4
Bryozoa	NS		3	3	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		2	2	3	Note 4
Echinodermata	Stelleroidea		4	3	3	Note 4
Mollusca	Caudofoveata		1	1	3	Note 4
Mollusca	Gastropoda		17	6	3	Note 4
Mollusca	Pelecypoda		26	6	3	Note 4
Mollusca	Solenogastres		1	1	3	Note 4
Nemata	NS		4	4	3	Note 4
Nemertea	NS		3	3	3	Note 4
Platyhelminthes	Turbellaria		1	1	3	Note 4
Pogonophora	Pogonophora		1	1	3	Note 4
Priapulida	NA		2	2	3	Note 4
Sipuncula	NA		2	2	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
75-0006A (Cont'd.)	formalin dry biomass; g/m^2	Three grab hauls with a Wildco Petersen grab (0.09 m^2) were pooled and sieved through 500 micron mesh. Grab hauls were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde in 9 parts water").	Tubes and shells were excluded. Dried overnight at 100°C and weighed on a Sartorius gravimetric balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		85	7	3	Note 4
Arthropoda	Malacostraca	Amphipoda	28	5	3	Note 4
Arthropoda	Malacostraca	Cumacea	11	5	3	Note 4
Arthropoda	Malacostraca	Isopoda	9	6	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	9	5	3	Note 4
Arthropoda	Ostracoda	Myodocopina	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	3	3	3	Note 4
Brachiopoda	Articulata		2	1	3	Note 4
Bryozoa	NS		3	3	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		2	2	3	Note 4
Echinodermata	Stelleroidea		4	3	3	Note 4
Mollusca	Caudofoveata		1	1	3	Note 4
Mollusca	Gastropoda		17	6	3	Note 4
Mollusca	Pelecypoda		26	6	3	Note 4
Mollusca	Solenogastres		1	1	3	Note 4
Nemata	NS		4	4	3	Note 4
Nemertea	NS		3	3	3	Note 4
Platyhelminthes	Turbellaria		1	1	3	Note 4
Pogonophora	Pogonophora		1	1	3	Note 4
Priapulida	NA		2	2	3	Note 4
Sipuncula	NA		2	2	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
75-0006A (Cont'd.)	formalin dry biomass; g/sample	Tows were made at either 2 or 4 knots for 5-16 min. with a dredge of custom design, 1 m wide, 2 m long with a 5 mm mesh. At one station only half of the sample collected was preserved.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Tubes and shells were excluded. Dried at 100 °C overnight and weighed on a Sartorius balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		40	3	2:2	
Arthropoda	Malacostraca	Amphipoda	17	3	2:2	
Arthropoda	Malacostraca	Cumacea	2	2	2:2	
Arthropoda	Malacostraca	Decapoda	5	3	2:2	
Arthropoda	Malacostraca	Isopoda	7	3	2:2	
Arthropoda	Pycnogonida	NA	3	2	2:2	
Brachiopoda	Articulata		1	1	2:2	
Bryozoa	NS		2	2	2:2	
Cnidaria	Anthozoa		4	2	2:2	
Echinodermata	Stelleroidea		9	2	2:2	
Mollusca	Gastropoda		15	2	2:2	
Mollusca	Pelecypoda		26	3	2:2	
Nemertea	NS		1	1	2:2	
Sipuncula	NA		2	2	2:2	

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
75-0006B	enumeration; number/m^2	NA	NA	Visual estimates were made of density.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		2	2	2:4,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0006B (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
visual observations; NA	NA	NA	Visual observations were made from the Pisces IV submersible by an experienced biologist. Species observed, substrate and estimated density and biomass were recorded.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Malacostraca	Isopoda	3	3	2:4,6,8	
Cnidaria	Anthozoa		2	1	2:4,6,8	
Cnidaria	Hydrozoa		1	1	2:4,6,8	
Echinodermata	Stelleroidea		5	3	2:4,6,8	
Mollusca	Gastropoda		1	1	2:4,6,8	
Mollusca	Pelecypoda		1	1	2:4,6,8	
Porifera	NS		1	1	2:4,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
biomass; g/m^2	NA	NA	Visual estimates of density were converted to biomass estimates based on average dried biomass for specimens at the Arctic Biological Station.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		2	2	2:4,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0012A	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Four grab hauls were taken with a 0.065 m^2 "Pettersen" grab, pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde in 9 parts water").	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		40	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	12	3	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	3	3	Note 4
Arthropoda	Malacostraca	Isopoda	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	3	3	3	Note 4
Arthropoda	Ostracoda	Myodocopina	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Mollusca	Caudofoveata		2	2	3	Note 4
Mollusca	Gastropoda		1	1	3	Note 4
Mollusca	Pelecypoda		9	3	3	Note 4
Mollusca	Scaphopoda		1	1	3	Note 4
Nemata	NS		2	2	3	Note 4
Nemertea	NS		2	2	3	Note 4
Priapulida	NA		1	1	3	Note 4
Sipuncula	NA		3	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0012A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Four grab hauls were taken with a 0.065 m^2 "Pettersen" grab, pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde in 9 parts water").	Hand sorted with a Wild M5 dissecting microscope and identified. Dr. Karin Riemann-Zurneck identified sea anemones, Dr. Irene Lubinsky identified some of the pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		40	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	12	3	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	3	3	Note 4
Arthropoda	Malacostraca	Isopoda	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	3	3	3	Note 4
Arthropoda	Ostracoda	Myodocopina	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Mollusca	Caudofoveata		2	2	3	Note 4
Mollusca	Gastropoda		1	1	3	Note 4
Mollusca	Pelecypoda		9	3	3	Note 4
Mollusca	Scaphopoda		1	1	3	Note 4
Nemata	NS		2	2	3	Note 4
Nemertea	NS		2	2	3	Note 4
Priapulida	NA		1	1	3	Note 4
Sipuncula	NA		3	2	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0012A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; g/m^2	Four grab hauls were taken with a 0.065 m^2 "Pettersen" grab, pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde in 9 parts water").	Tubes and shells were excluded. Dried overnight at 100°C and weighed on a Sartorius gravimetric balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		40	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	12	3	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	3	3	Note 4
Arthropoda	Malacostraca	Isopoda	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	3	3	3	Note 4
Arthropoda	Ostracoda	Myodocopina	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Mollusca	Caudofoveata		2	2	3	Note 4
Mollusca	Gastropoda		1	1	3	Note 4
Mollusca	Pelecypoda		9	3	3	Note 4
Mollusca	Scaphopoda		1	1	3	Note 4
Nemata	NS		2	2	3	Note 4
Nemertea	NS		2	2	3	Note 4
Priapulida	NA		1	1	3	Note 4
Sipuncula	NA		3	2	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0012B	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Four to five grab hauls with a "Rettersen" grab (0.065 m^2) were taken, half of 1 grab was subsampled for other analyses, the remainder pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	3	Note 4
Annelida	Polychaeta		47	10	3	Note 4
Arthropoda	Malacostraca	Amphipoda	23	8	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	5	3	Note 4
Arthropoda	Malacostraca	Isopoda	5	5	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Chordata	Ascidiacea		4	4	3	Note 4
Mollusca	Gastropoda		4	3	3	Note 4
Mollusca	Pelecypoda		15	7	3	Note 4
Nemata	NS		8	8	3	Note 4
Nemertea	NS		6	6	3	Note 4
Priapulida	NA		9	9	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0012B (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Four to five grab hauls with a "Bettersen" grab (0.065 m^2) were taken, half of 1 grab was subsampled for other analyses, the remainder pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Hand sorted with a Wild M5 dissecting microscope and identified. Dr. Karin Riemann-Zurneck identified sea anemones, Dr. Irene Lubinsky identified some of the pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	3	Note 4
Annelida	Polychaeta		47	10	3	Note 4
Arthropoda	Malacostraca	Amphipoda	23	8	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	5	3	Note 4
Arthropoda	Malacostraca	Isopoda	5	5	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Chordata	Ascidiacea		4	4	3	Note 4
Mollusca	Gastropoda		4	3	3	Note 4
Mollusca	Pelecypoda		15	7	3	Note 4
Nemata	NS		8	8	3	Note 4
Nemertea	NS		6	6	3	Note 4
Priapulida	NA		9	9	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
75-0012B (Cont'd.)	formalin dry biomass; g/m^2	Four to five grab hauls with a "Bettersen" grab (0.065 m^2) were taken, half of 1 grab was subsampled for other analyses, the remainder pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Tubes and shells were excluded. Dried overnight at 100°C and weighed on a Sartorius gravimetric balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	3	Note 4
Annelida	Polychaeta		47	10	3	Note 4
Arthropoda	Malacostraca	Amphipoda	23	8	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	5	3	Note 4
Arthropoda	Malacostraca	Isopoda	5	5	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Chordata	Ascidiacea		4	4	3	Note 4
Mollusca	Gastropoda		4	3	3	Note 4
Mollusca	Pelecypoda		15	7	3	Note 4
Nemata	NS		8	8	3	Note 4
Nemertea	NS		6	6	3	Note 4
Priapulida	NA		9	9	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0012C	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Four to five grab hauls with a "Bettersen" grab (0.065 m^2) were taken, half of 1 grab was subsampled for other analyses, the remainder pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		18	16	3	Note 4
Annelida	Polychaeta		59	18	3	Note 4
Arthropoda	Insecta	Diptera	2	2	3	Note 4
Arthropoda	Malacostraca	Amphipoda	27	14	3	Note 4
Arthropoda	Malacostraca	Cumacea	9	9	3	Note 4
Arthropoda	Malacostraca	Isopoda	10	10	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Ostracoda	Podocopina	13	6	3	Note 4
Bryozoa	NS		1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Mollusca	Pelecypoda		37	18	3	Note 4
Nemata	NS		4	4	3	Note 4
Nemertea	NS		6	6	3	Note 4
Priapulida	NA		12	12	3	Note 4
Unknown	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0012C (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Four to five grab hauls with a "Bettersen" grab (0.065 m^2) were taken, half of 1 grab was subsampled for other analyses, the remainder pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Hand sorted with a Wild M5 dissecting microscope and identified. Dr. Karin Riemann-Zurneck identified sea anemones, Dr. Irene Lubinsky identified some of the pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		18	16	3	Note 4
Annelida	Polychaeta		59	18	3	Note 4
Arthropoda	Insecta	Diptera	2	2	3	Note 4
Arthropoda	Malacostraca	Amphipoda	27	14	3	Note 4
Arthropoda	Malacostraca	Cumacea	9	9	3	Note 4
Arthropoda	Malacostraca	Isopoda	10	10	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Ostracoda	Podocopina	13	6	3	Note 4
Bryozoa	NS		2	2	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Mollusca	Pelecypoda		37	18	3	Note 4
Nemata	NS		4	4	3	Note 4
Nemertea	NS		6	6	3	Note 4
Priapulida	NA		12	12	3	Note 4
Unknown	NA		3	3	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0012C (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; g/m^2	Four to five grab hauls with a "Bettersen" grab (0.065 m^2) were taken, half of 1 grab was subsampled for other analyses, the remainder pooled and sieved through 500 micron mesh. Grabs were rejected if the bottom was sampled unevenly or if less than 2 L of sample was recovered.	Fixed in 10% formalin ("1 part formaldehyde to 9 parts water").	Tubes and shells were excluded. Dried overnight at 100°C and weighed on a Sartorius gravimetric balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		18	16	3	Note 4
Annelida	Polychaeta		59	18	3	Note 4
Arthropoda	Insecta	Diptera	2	2	3	Note 4
Arthropoda	Malacostraca	Amphipoda	27	14	3	Note 4
Arthropoda	Malacostraca	Cumacea	9	9	3	Note 4
Arthropoda	Malacostraca	Isopoda	10	10	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Ostracoda	Podocopina	13	6	3	Note 4
Bryozoa	NS		2	2	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Mollusca	Pelecypoda		37	18	3	Note 4
Nemata	NS		4	4	3	Note 4
Nemertea	NS		6	6	3	Note 4
Priapulida	NA		12	12	3	Note 4
Unknown	NA		3	3	3	Note 4

75-0025A

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Two holes were cut through the ice approx. 60 m apart and an epibenthic trawl, 40 cm x 40 cm opening, 1 mm mesh, towed between them at about 1 m/sec.	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		1	1	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	2	2	2:4,5,6,8	
Arthropoda	Malacostraca	Cumacea	1	1	2:4,5,6,8	
Arthropoda	Malacostraca	Isopoda	3	3	2:4,5,6,8	
Arthropoda	Malacostraca	Mysidacea	3	3	2:4,5,6,8	
Mollusca	Pelecypoda		2	2	2:4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	Ten grab samples were taken with a tall Ekman grab, pooled and sieved through 500 micron mesh, organisms were then hand picked from the screen and preserved.	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	2:2,8	
Annelida	Polychaeta		14	6	2:2,8	
Arthropoda	Malacostraca	Amphipoda	6	3	2:2,8	
Arthropoda	Malacostraca	Cumacea	3	2	2:2,8	
Arthropoda	Malacostraca	Isopoda	4	4	2:2,8	
Arthropoda	Ostracoda	Podocopina	3	3	2:2,8	
Mollusca	Gastropoda		8	4	2:2,3,8	
Mollusca	Pelecypoda		17	5	2:2,3,8	
Priapulida	NA		2	2	2:2,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0025A (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Ten grab samples were taken with a tall Ekman grab, pooled and sieved through 500 micron mesh, organisms were then hand picked from the screen and preserved.	Fixed with 10% formalin.	Hand sorted with a Wild M5 dissecting microscope and identified by Arctic Biological Station. Dr. Karin Riemann-Zurneck identified sea anemones, Dr. Irene Lubinsky identified some of the pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida			1	1	3	Note 4
Annelida	Oligochaeta		14	6	3	Note 4
Arthropoda	Polychaeta		6	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	3	2	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	4	3	Note 4
Arthropoda	Malacostraca	Isopoda	3	3	3	Note 4
Mollusca	Ostracoda	Podocopina	8	4	3	Note 4
Mollusca	Gastropoda		17	5	3	Note 4
Priapulida	Pelecypoda		2	2	3	Note 4
	NA					

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; order	Two holes were cut through the ice approx. 60 m apart and an epibenthic trawl, 40 cm x 40 cm opening, 1 mm mesh, towed between them at about 1 m/sec.	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida			1	1	2:6,8	
Arthropoda	Polychaeta		2	2	2:6,8	
Arthropoda	Malacostraca	Amphipoda	1	1	2:6,8	
Arthropoda	Malacostraca	Cumacea	3	3	2:6,8	
Arthropoda	Malacostraca	Isopoda	3	3	2:6,8	
Mollusca	Malacostraca	Mysidacea	2	2	2:3,6,8	
	Pelecypoda					

TABLE 7. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
75-0025A (Cont'd.)	formalin dry biomass; g/m^2	Ten grab samples were taken with a tall Ekman grab, pooled and sieved through 500 micron mesh, organisms were then hand picked from the screen and preserved.	Fixed with 10% formalin.	Tubes and shells were excluded. Dried at 100 °C overnight and weighed on a Sartorius balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	2:2,8	
Annelida	Polychaeta		14	6	2:2,8	
Arthropoda	Malacostraca	Amphipoda	6	3	2:2,8	
Arthropoda	Malacostraca	Cumacea	3	2	2:2,8	
Arthropoda	Malacostraca	Isopoda	4	4	2:2,8	
Arthropoda	Ostracoda	Podocopina	3	3	2:2,8	
Mollusca	Gastropoda		8	4	2:2,3,8	
Mollusca	Pelecypoda		17	5	2:2,3,8	
Priapulida	NA		2	2	2:2,8	

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
75-0025B	enumeration; number/sample	An epibenthic trawl (40 cm x 40 cm opening, 1 mm mesh) towed for 5 min. (approx. 250 m).	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		1	1	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	9	9	2:4,5,6,8	
Arthropoda	Malacostraca	Cumacea	2	2	2:4,5,6,8	
Arthropoda	Malacostraca	Isopoda	2	2	2:4,5,6,8	
Arthropoda	Malacostraca	Mysidacea	10	10	2:4,5,6,8	
Cnidaria	Scyphozoa		2	2	2:4,5,6,8	
Nemertea	NS		2	2	2:4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0025B (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	Ten grab samples were taken with a tall Ekman grab, pooled and sieved through 500 micron mesh, organisms were then hand picked from the screen and preserved.	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	2:2,8	
Annelida	Polychaeta		31	11	2:2,8	
Arthropoda	Malacostraca	Amphipoda	27	13	2:2,8	
Arthropoda	Malacostraca	Cumacea	2	2	2:2,8	
Arthropoda	Malacostraca	Isopoda	9	8	2:2,8	
Arthropoda	Malacostraca	Mysidacea	9	6	2:2,8	
Echinodermata	Holothuroidea		1	1	2:2,8	
Mollusca	Gastropoda		2	1	2:2,3,8	
Mollusca	Pelecypoda		18	6	2:2,3,8	
Nemertea	NS		2	2	2:2,8	
Priapulida	NA		3	3	2:2,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Ten grab samples were taken with a tall Ekman grab, pooled and sieved through 500 micron mesh, organisms were then hand picked from the screen and preserved.	Fixed with 10% formalin.	Hand sorted with a Wild M5 dissecting microscope and identified by Arctic Biological Station. Dr. Karin Riemann-Zurneck identified sea anemones, Dr. Irene Lubinsky identified some of the pelecypods.	A reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	3	Note 4
Annelida	Polychaeta		31	11	3	Note 4
Arthropoda	Malacostraca	Amphipoda	27	13	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	9	8	3	Note 4
Arthropoda	Malacostraca	Mysidacea	9	6	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Mollusca	Gastropoda		2	1	3	Note 4
Mollusca	Pelecypoda		18	6	3	Note 4
Nemertea	NS		2	2	3	Note 4
Priapulida	NA		3	3	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0025B (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; order	An epibenthic trawl (40 cm x 40 cm opening, 1 mm mesh) towed for 5 min. (approx. 250 m).	Fixed with 10% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		1	1	2:6,8	
Arthropoda	Malacostraca	Amphipoda	9	9	2:6,8	
Arthropoda	Malacostraca	Cumacea	2	2	2:6,8	
Arthropoda	Malacostraca	Isopoda	2	2	2:6,8	
Arthropoda	Malacostraca	Mysidacea	10	10	2:6,8	
Cnidaria	Scyphozoa		2	2	2:6,8	
Nemertea	NS		2	2	2:6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin dry biomass; g/m^2	Ten grab samples were taken with a tall Ekman grab, pooled and sieved through 500 micron mesh, organisms were then hand picked from the screen and preserved.	Fixed with 10% formalin.	Tubes and shells were excluded. Dried at 100 °C overnight and weighed on a Sartorius balance "to 4 decimal places".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	2:2,8	
Annelida	Polychaeta		31	11	2:2,8	
Arthropoda	Malacostraca	Amphipoda	27	13	2:2,8	
Arthropoda	Malacostraca	Cumacea	2	2	2:2,8	
Arthropoda	Malacostraca	Isopoda	9	8	2:2,8	
Arthropoda	Malacostraca	Mysidacea	9	6	2:2,8	
Echinodermata	Holothuroidea		1	1	2:2,8	
Mollusca	Gastropoda		2	1	2:2,3,8	
Mollusca	Pelecypoda		18	6	2:2,3,8	
Nemertea	NS		2	2	2:2,8	
Priapulida	NA		3	3	2:2,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0026

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; dominant/present/abundant	Grab hauls with a Ponar grab (0.0529 m^2) taken, sieving not specified.	Fixed with 8% neutralized formalin.	Methodology not described, a species list for all samples collected from this location reports biota as "present", "abundant" or "dominant".	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		5	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Decapoda	1	1	2:2,4,5,6,8	
Cnidaria	Anthozoa		1	1	2:2,4,5,6,8	
Cnidaria	Hydrozoa		1	1	2:2,4,5,6,8	
Echinodermata	Echinoidea		1	1	2:2,4,5,6,8	
Echinodermata	Holothuroidea		2	1	2:2,4,5,6,8	
Mollusca	Pelecypoda		5	1	2:2,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Grab hauls with a Ponar grab (0.0529 m^2) taken, sieving not specified.	Fixed with 8% neutralized formalin.	Methodology not described, a species list is given for all samples collected from this location.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		5	1	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	1	1	2:4,5,6,8	
Arthropoda	Malacostraca	Decapoda	1	1	2:4,5,6,8	
Cnidaria	Anthozoa		1	1	2:4,5,6,8	
Cnidaria	Hydrozoa		1	1	2:4,5,6,8	
Echinodermata	Echinoidea		1	1	2:4,5,6,8	
Echinodermata	Holothuroidea		2	1	2:4,5,6,8	
Mollusca	Pelecypoda		5	1	2:4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

75-0042

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Ten grab hauls with an Ekman grab (0.0225 m^2) were pooled and sieved through a 425 micron sieve.	Fixed with 5% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	2:4,5,6,8	
Arthropoda	Insecta	Diptera	5	3	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	1	1	2:4,5,6,8	
Nemata	NS		1	1	2:4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; order	Ten grab hauls with an Ekman grab (0.0225 m^2) were pooled and sieved through a 425 micron sieve.	Fixed with 5% formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	2:4,5,6,8	
Arthropoda	Insecta	Diptera	5	3	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	1	1	2:4,5,6,8	
Nemata	NS		1	1	2:4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

76-0003

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Five hauls with a tall weighted Ekman grab (0.023 m^2) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	1:3,6	
Annelida	Polychaeta		56	13	1:3,6	
Arthropoda	Copepoda	NS	4	4	1:3,6	
Arthropoda	Malacostraca	Amphipoda	6	6	1:3,6	
Arthropoda	Malacostraca	Isopoda	3	3	1:3,6	
Arthropoda	Malacostraca	Mysidacea	2	2	1:3,6	
Arthropoda	Malacostraca	Tanaidacea	1	1	1:3,6	
Arthropoda	Ostracoda	NS	2	2	1:3,6	
Cnidaria	NS		3	3	1:3,6	
Mollusca	Pelecypoda		13	12	1:3,6	
Priapulida	NA		1	1	1:3,6	
Sipuncula	NA		4	4	1:3,6	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/trawl	Approximately 30 min. tows with a 1/2 m^2 Epibenthic sled with 3.2 mm cod end, volume filtered measured with TSK flow meter, rigidly mounted at net mouth.	Fixed in either 20% formalin or 40% ethanol, 40% ethanol is not considered an adequate fixative.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Copepoda	Calanoida	1	1	1:3,6	
Arthropoda	Malacostraca	Amphipoda	9	3	1:3,6	
Arthropoda	Malacostraca	Euphausiacea	2	2	1:3,6	
Arthropoda	Malacostraca	Mysidacea	3	3	1:3,6	

76-0003 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; genus	Five hauls with a tall weighted Ekman grab (0.023 m^2) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	NS	Evidence of inadequate taxonomic expertise: confusion of systematics and reporting of invalid families and classes.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	1:3,6	
Annelida	Polychaeta		56	13	1:3,6	
Arthropoda	Copepoda	NS	4	4	1:3,6	
Arthropoda	Malacostraca	Amphipoda	6	6	1:3,6	
Arthropoda	Malacostraca	Isopoda	3	3	1:3,6	
Arthropoda	Malacostraca	Mysidacea	2	2	1:3,6	
Arthropoda	Malacostraca	Tanaidacea	1	1	1:3,6	
Arthropoda	Ostracoda	NS	2	2	1:3,6	
Cnidaria	NS		3	3	1:3,6	
Mollusca	Pelecypoda		13	12	1:3,6	
Priapulida	NA		1	1	1:3,6	
Sipuncula	NA		4	4	1:3,6	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Approximately 30 min. tows with a 1/2 m^2 Epibenthic sled with 3.2 mm cod end, volume filtered measured with TSK flow meter, rigidly mounted at net mouth.	Fixed in either 20% formalin or 40% ethanol, 40% ethanol is not considered an adequate fixative.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Copepoda	Calanoida	2	2	1:3,6	
Arthropoda	Malacostraca	Amphipoda	9	3	1:3,6	
Arthropoda	Malacostraca	Euphausiacea	2	2	1:3,6	
Arthropoda	Malacostraca	Mysidacea	3	3	1:3,6	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

76-0003 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
preserved dry biomass; mg/sample	Five hauls with a tall weighted Ekman grab ($0.023\ m^2$) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	Dried at 103°C for 24 h and weighed with a Mettler H2OT balance.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		14	14	1:3	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
preserved wet biomass; mg/sample	Five hauls with a tall weighted Ekman grab ($0.023\ m^2$) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	Blotted dry and weighed with a Mettler H2OT balance.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		14	14	1:3	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
preserved wet biomass; g/trawl	Approximately 30 min. tows with a $1/2\ m^2$ Epibenthic sled with 3.2 mm cod end, volume filtered measured with TSK flow meter, rigidly mounted at net mouth.	Fixed in either 20% formalin or 40% ethanol, 40% ethanol is not considered an adequate fixative.	Blotted dry, weighed on a Mettler H2OT balance. Blotting is a low precision method.	Blotting is a low precision method.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		3	3	1:3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

76-0004

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Five hauls with a tall weighted Ekman grab ($0.023\ m^2$) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		6	1	1:3,6	
Arthropoda	Copepoda	Calanoida	1	1	1:3,6	
Arthropoda	Malacostraca	Cumacea	1	1	1:3,6	
Arthropoda	Malacostraca	Mysidacea	1	1	1:3,6	
Arthropoda	Ostracoda	NS	1	1	1:3,6	
Cnidaria	NS		1	1	1:3,6	
Mollusca	Pelecypoda		2	1	1:3,6	
Nemata	NS		1	1	1:3,6	
Priapulida	NA		1	1	1:3,6	
Sipuncula	NA		1	1	1:3,6	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; genus	Five hauls with a tall weighted Ekman grab ($0.023\ m^2$) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	NS	Evidence of inadequate taxonomic expertise: confusion of systematics and reporting of invalid families and classes.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		6	1	1:3,6	
Arthropoda	Copepoda	Calanoida	1	1	1:3,6	
Arthropoda	Malacostraca	Cumacea	1	1	1:3,6	
Arthropoda	Malacostraca	Mysidacea	1	1	1:3,6	
Arthropoda	Ostracoda	NS	1	1	1:3,6	
Cnidaria	NS		1	1	1:3,6	
Mollusca	Pelecypoda		2	1	1:3,6	
Nemata	NS		1	1	1:3,6	
Priapulida	NA		1	1	1:3,6	
Sipuncula	NA		1	1	1:3,6	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
76-0004 (Cont'd.)	preserved dry biomass; mg/sample	Five hauls with a tall weighted Ekman grab ($0.023\ m^2$) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	Dried at 103°C for 24 h and weighed with a Mettler H20T balance.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		1	1	1:3	

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	preserved wet biomass; mg/sample	Five hauls with a tall weighted Ekman grab ($0.023\ m^2$) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	Blotted dry and weighed with a Mettler H20T balance.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		1	1	1:3	

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
76-0005	enumeration; number/sample	Five hauls with a tall weighted Ekman grab ($0.023\ m^2$) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	1:3,6	
Annelida	Polychaeta		17	6	1:3,6	
Arthropoda	Insecta	Diptera	1	1	1:3,6	
Arthropoda	Malacostraca	Amphipoda	4	4	1:3,6	
Arthropoda	Malacostraca	Cumacea	1	1	1:3,6	
Arthropoda	Malacostraca	Isopoda	3	3	1:3,6	
Arthropoda	Ostracoda	NS	1	1	1:3,6	
Mollusca	Pelecypoda		7	6	1:3,6	
Nemata	Adenophorea		3	3	1:3,6	
Priapulida	NA		2	2	1:3,6	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

76-0005 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; genus	Five hauls with a tall weighted Ekman grab ($0.023\ m^2$) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	NS	Evidence of inadequate taxonomic expertise: confusion of systematics and reporting of invalid families and classes.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4		1:3,6	
Annelida	Polychaeta		17	6	1:3,6	
Arthropoda	Insecta	Diptera	1	1	1:3,6	
Arthropoda	Malacostraca	Amphipoda	4	4	1:3,6	
Arthropoda	Malacostraca	Cumacea	1	1	1:3,6	
Arthropoda	Malacostraca	Isopoda	3	3	1:3,6	
Arthropoda	Ostracoda	NS	1	1	1:3,6	
Mollusca	Pelecypoda		7	6	1:3,6	
Nemata	Adenophorea		3	3	1:3,6	
Priapulida	NA		2	2	1:3,6	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
preserved wet biomass; mg/sample	Five hauls with a tall weighted Ekman grab ($0.023\ m^2$) were pooled and washed through a 0.5 mm brass sieve.	Fixed with either 10% formalin or 20% ethanol, 20% ethanol is not considered an adequate fixative.	Blotted dry and weighed with a Mettler H20T balance.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		6	6	1:3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

77-0002A	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	A 1/2 m^2 epibenthic trawl was towed for 3-4 min. for approx. 900 m, mesh size was not specified, volume filtered was measured but not recorded.	Fixed with 5% formalin stained with Rose Bengal.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		6	6	2:2,4,5,6,8	
Annelida	Polychaeta		16	8	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	45	10	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	6	6	2:2,4,5,6,8	
Arthropoda	Malacostraca	Euphausiacea	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	11	10	2:2,4,5,6,8	
Arthropoda	Malacostraca	Mysidacea	10	8	2:2,4,5,6,8	
Chaetognatha	Sagittoidea		1	1	2:2,4,5,6,8	
Cnidaria	Hydrozoa		2	2	2:2,4,5,6,8	
Ctenophora	NA		1	1	2:2,4,5,6,8	
Mollusca	Gastropoda		3	3	2:2,4,5,6,8	
Mollusca	Pelecypoda		15	8	2:2,4,5,6,8	
Nemata	Adenophorea		2	2	2:2,4,5,6,8	
Porifera	NS		3	3	2:2,4,5,6,8	
Priapulida	NA		3	3	2:2,4,5,6,8	

77-0002A (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	A transect of 5 Ekman grab hauls (0.0232 m^2) were taken at each station and sieved, mesh size and the size of the sieve was not specified.	Fixed with 5% formalin stained with Rose Bengal.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		11	8	2:2,4,5,6,8	
Annelida	Polychaeta		42	9	2:2,4,5,6,8	
Arthropoda	Malacostraca		30	9	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	5	5	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	3	3	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	3	3	2:2,4,5,6,8	
Chordata	Ascidiacea	Mysidacea	1	1	2:2,4,5,6,8	
Mollusca	Pelecypoda		19	9	2:2,4,5,6,8	
Nemata	Adenophorea		4	4	2:2,4,5,6,8	
Porifera	NS		4	4	2:2,4,5,6,8	
Priapulida	NA		9	7	2:2,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	A transect of 5 Ekman grab hauls (0.0232 m^2) were taken at each station and sieved, mesh size and the size of the sieve was not specified.	Fixed with 5% formalin stained with Rose Bengal.	Identified using a Wild M4 microscope, major taxonomic references are specified and do not include major keys in common use for the region.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		11	8	2:6,8	
Annelida	Polychaeta		42	9	2:6,8	
Arthropoda	Malacostraca		30	9	2:6,8	
Arthropoda	Malacostraca	Amphipoda	5	5	2:6,8	
Arthropoda	Malacostraca	Cumacea	3	3	2:6,8	
Arthropoda	Malacostraca	Isopoda	3	3	2:6,8	
Chordata	Ascidiacea	Mysidacea	1	1	2:6,8	
Mollusca	Pelecypoda		19	9	2:6,8	
Nemata	Adenophorea		4	4	2:6,8	
Porifera	NS		4	4	2:6,8	
Priapulida	NA		9	7	2:6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

77-0002A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	A 1/2 m^2 epibenthic trawl was towed for 3-4 min. for approx. 900 m, mesh size was not specified, volume filtered was measured but not recorded.	Fixed with 5% formalin stained with Rose Bengal.	Identified using a Wild M4 microscope, major taxonomic references are specified and do not include major keys in use for the region.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		6	6	2:6,8	
Annelida	Polychaeta		16	8	2:6,8	
Arthropoda	Malacostraca	Amphipoda	45	10	2:6,8	
Arthropoda	Malacostraca	Cumacea	6	6	2:6,8	
Arthropoda	Malacostraca	Euphausiacea	1	1	2:6,8	
Arthropoda	Malacostraca	Isopoda	11	10	2:6,8	
Arthropoda	Malacostraca	Mysidacea	10	8	2:6,8	
Chaetognatha	Sagittoidea		1	1	2:6,8	
Cnidaria	Hydrozoa		2	2	2:6,8	
Ctenophora	NA		1	1	2:6,8	
Mollusca	Gastropoda		3	3	2:6,8	
Mollusca	Pelecypoda		15	8	2:6,8	
Nemata	Adenophorea		2	2	2:6,8	
Porifera	NS		3	3	2:6,8	
Priapulida	NA		3	3	2:6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
77-0002B	enumeration; number/m^2	A 1/2 m^2 epibenthic trawl was towed for 3-4 min. for approx. 900 m, mesh size was not specified, volume filtered was measured but not recorded.	Fixed with 5% formalin stained with Rose Bengal.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	2:2,4,5,6,8	
Annelida	Polychaeta		23	9	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	42	10	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	7	7	2:2,4,5,6,8	
Arthropoda	Malacostraca	Euphausiacea	2	2	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	7	7	2:2,4,5,6,8	
Arthropoda	Malacostraca	Mysidacea	13	9	2:2,4,5,6,8	
Chaetognatha	Sagittoidea		2	2	2:2,4,5,6,8	
Cnidaria	Hydrozoa		3	2	2:2,4,5,6,8	
Ctenophora	NA		2	2	2:2,4,5,6,8	
Mollusca	Gastropoda		1	1	2:2,4,5,6,8	
Mollusca	Pelecypoda		22	9	2:2,4,5,6,8	
Nemata	Adenophorea		2	2	2:2,4,5,6,8	
Porifera	NS		3	3	2:2,4,5,6,8	
Priapulida	NA		10	7	2:2,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

77-0002B (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	A transect of 5 Ekman grab hauls (0.0232 m^2) were taken at each station and sieved, mesh size and the size of the sieve was not specified.	Fixed with 5% formalin stained with Rose Bengal.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		16	10	2:2,4,5,6,8	
Annelida	Polychaeta		40	9	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	45	10	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	5	5	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	5	5	2:2,4,5,6,8	
Arthropoda	Malacostraca	Mysidacea	2	2	2:2,4,5,6,8	
Mollusca	Pelecypoda		19	10	2:2,4,5,6,8	
Nemata	Adenophorea		2	2	2:2,4,5,6,8	
Nemertea	NS		1	1	2:2,4,5,6,8	
Porifera	NS		9	9	2:2,4,5,6,8	
Priapulida	NA		10	7	2:2,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	A transect of 5 Ekman grab hauls (0.0232 m^2) were taken at each station and sieved, mesh size and the size of the sieve was not specified.	Fixed with 5% formalin stained with Rose Bengal.	Identified using a Wild M4 microscope, major taxonomic references are specified and do not include major keys in common use for the region.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		16	10	2:6,8	
Annelida	Polychaeta		40	9	2:6,8	
Arthropoda	Malacostraca	Amphipoda	45	10	2:6,8	
Arthropoda	Malacostraca	Cumacea	5	5	2:6,8	
Arthropoda	Malacostraca	Isopoda	5	5	2:6,8	
Arthropoda	Malacostraca	Mysidacea	2	2	2:6,8	
Mollusca	Pelecypoda		19	10	2:6,8	
Nemata	Adenophorea		2	2	2:6,8	
Nemertea	NS		1	1	2:6,8	
Porifera	NS		9	9	2:6,8	
Priapulida	NA		10	7	2:6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
77-0002B (Cont'd.)	identification; species	A 1/2 m^2 epibenthic trawl was towed for 3-4 min. for approx. 900 m, mesh size was not specified, volume filtered was measured but not recorded.	Fixed with 5% formalin stained with Rose Bengal.	Identified using a Wild M4 microscope, major taxonomic references are specified and do not include major keys in use for the region.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	2:6,8	
Annelida	Polychaeta		23	9	2:6,8	
Arthropoda	Malacostraca	Amphipoda	42	10	2:6,8	
Arthropoda	Malacostraca	Cumacea	7	7	2:6,8	
Arthropoda	Malacostraca	Euphausiacea	2	2	2:6,8	
Arthropoda	Malacostraca	Isopoda	7	7	2:6,8	
Arthropoda	Malacostraca	Mysidacea	13	9	2:6,8	
Chaetognatha	Sagittoidea		2	2	2:6,8	
Cnidaria	Hydrozoa		3	2	2:6,8	
Ctenophora	NA		2	2	2:6,8	
Mollusca	Gastropoda		1	1	2:6,8	
Mollusca	Pelecypoda		22	9	2:6,8	
Nemata	Adenophorea		2	2	2:6,8	
Porifera	NS		3	3	2:6,8	
Priapulida	NA		10	7	2:6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

77-0007	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	2 to 6 Van Veen grab hauls taken, subsample of approx. 50 g removed, remainder pooled and sieved through 4 mm then 500 micron screen, selected organisms removed for chemical analyses.	Fixed in 10% formalin transferred to 30% alcohol, 1% glycerine for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		188	32	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	105	30	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	78	28	2:2,4,5,6,8	
Arthropoda	Malacostraca	Decapoda	6	6	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	32	22	2:2,4,5,6,8	
Arthropoda	Malacostraca	Tanaidacea	14	13	2:2,4,5,6,8	
Arthropoda	Ostracoda	Myodocopina	15	14	2:2,4,5,6,8	
Arthropoda	Ostracoda	Podocopina	19	13	2:2,4,5,6,8	
Chordata	Ascidiacea		3	3	2:2,4,5,6,8	
Cnidaria	Anthozoa		5	4	2:2,4,5,6,8	
Cnidaria	Hydrozoa		2	2	2:2,4,5,6,8	
Echinodermata	Stelleroidea		13	12	2:2,4,5,6,8	
Mollusca	Gastropoda		90	30	2:2,4,5,6,8	
Mollusca	Pelecypoda		146	31	2:2,4,5,6,8	
Nemertea	Anopla		1	1	2:2,4,5,6,8	
Nemertea	NS		3	3	2:2,4,5,6,8	
Priapulida	NA		6	5	2:2,4,5,6,8	
Sipuncula	NA		13	11	2:2,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

77-0007 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	2 to 6 Van Veen grab hauls taken, subsample of approx. 50 g removed, remainder pooled and sieved through 4 mm then 500 micron screen, selected organisms removed for chemical analyses.	Fixed in 10% formalin transferred to 30% alcohol, 1% glycerine for storage.	Only the biota identified are reported, unidentified or unidentifiable organisms were not recorded.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		188	32	2:4,6,8	
Arthropoda	Malacostraca	Amphipoda	105	30	2:4,6,8	
Arthropoda	Malacostraca	Cumacea	78	28	2:4,6,8	
Arthropoda	Malacostraca	Decapoda	6	6	2:4,6,8	
Arthropoda	Malacostraca	Isopoda	32	22	2:4,6,8	
Arthropoda	Malacostraca	Tanaidacea	14	13	2:4,6,8	
Arthropoda	Ostracoda	Myodocopina	15	14	2:4,6,8	
Arthropoda	Ostracoda	Podocopina	19	13	2:4,6,8	
Bryozoa	Gymnolaemata		5	5	2:4,6,8	
Bryozoa	NS		1	1	2:4,6,8	
Bryozoa	Stenolaemata		2	2	2:4,6,8	
Chordata	Ascidiacea		3	3	2:4,6,8	
Cnidaria	Anthozoa		5	4	2:4,6,8	
Cnidaria	Hydrozoa		4	4	2:4,6,8	
Echinodermata	Stelleroidea		17	15	2:4,6,8	
Mollusca	Gastropoda		91	30	2:4,6,8	
Mollusca	Pelecypoda		146	31	2:4,6,8	
Nemertea	Anopla		1	1	2:4,6,8	
Nemertea	NS		3	3	2:4,6,8	
Priapulida	NA		6	5	2:4,6,8	
Sipuncula	NA		13	11	2:4,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

77-0007 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; mg/m^2	2 to 6 Van Veen grab hauls taken, subsample of approx. 50 g removed, remainder pooled and sieved through 4 mm then 500 micron screen, selected organisms removed for chemical analyses.	Fixed in 10% formalin transferred to 30% alcohol, 1% glycerine for storage.	Dried at 65°C and weighed NS to nearest 0.1 mg, samples not decalcified.		

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		33	32	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	30	30	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	28	28	2:2,4,5,6,8	
Arthropoda	Malacostraca	Decapoda	6	6	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	21	21	2:2,4,5,6,8	
Arthropoda	Malacostraca	Tanaidacea	12	12	2:2,4,5,6,8	
Arthropoda	Ostracoda	Myodocopina	8	8	2:2,4,5,6,8	
Arthropoda	Ostracoda	NS	6	6	2:2,4,5,6,8	
Arthropoda	Ostracoda	Podocopina	3	3	2:2,4,5,6,8	
Bryozoa	Gymnolaemata		4	4	2:2,4,5,6,8	
Bryozoa	NS		1	1	2:2,4,5,6,8	
Bryozoa	Stenolaemata		1	1	2:2,4,5,6,8	
Chordata	Ascidiacea		3	3	2:2,4,5,6,8	
Cnidaria	Anthozoa		3	3	2:2,4,5,6,8	
Cnidaria	Hydrozoa		4	4	2:2,4,5,6,8	
Echinodermata	Stelleroidea		13	12	2:2,4,5,6,8	
Mollusca	Gastropoda		28	28	2:2,4,5,6,8	
Mollusca	Pelecypoda		31	31	2:2,4,5,6,8	
Priapulida	NA		5	5	2:2,4,5,6,8	
Sipuncula	NA		8	8	2:2,4,5,6,8	

77-0009A

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Ponar grab (0.05 m^2) haul taken and washed through 470 micron sieve.	Fixed with 10% buffered formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		40	4	1:4	Note 3
Arthropoda	Copepoda	Calanoida	5	4	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	6	4	2:4,5,6,8	
Arthropoda	Malacostraca	Cumacea	2	2	2:4,5,6,8	
Arthropoda	Malacostraca	Euphausiacea	1	1	2:4,5,6,8	
Arthropoda	Malacostraca	Isopoda	2	2	2:4,5,6,8	
Arthropoda	Malacostraca	Tanaidacea	3	3	2:4,5,6,8	
Arthropoda	Ostracoda	Podocopina	8	4	2:4,5,6,8	
Mollusca	Gastropoda		14	4	2:4,5,6,8	
Mollusca	Pelecypoda		13	4	2:4,5,6,8	
Nemata	NS		1	1	2:4,5,6,8	
Nemertea	NS		3	3	2:4,5,6,8	
Platyhelminthes	Turbellaria		3	3	2:4,5,6,8	
Priapulida	NA		2	2	2:4,5,6,8	
Sipuncula	NA		1	1	2:4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Ponar grab (0.05 m^2) haul taken and washed through 470 micron sieve.	Fixed with 10% buffered formalin.	Identifications performed under 6.4x or 16x magnification.	Specimens were sent to F. Bernard, J. Fulton and H. Arai for verification.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		40	4	1:4	Note 3
Arthropoda	Copepoda	Calanoida	5	4	2:6,8	
Arthropoda	Malacostraca	Amphipoda	6	4	2:6,8	
Arthropoda	Malacostraca	Cumacea	2	2	2:6,8	
Arthropoda	Malacostraca	Euphausiacea	1	1	2:6,8	
Arthropoda	Malacostraca	Isopoda	2	2	2:6,8	
Arthropoda	Malacostraca	Tanaidacea	3	3	2:6,8	
Arthropoda	Ostracoda	Podocopina	8	4	2:6,8	
Mollusca	Gastropoda		14	4	2:6,8	
Mollusca	Pelecypoda		13	4	2:6,8	
Nemata	NS		1	1	2:6,8	
Nemertea	NS		3	3	2:6,8	
Platyhelminthes	Turbellaria		3	3	2:6,8	
Priapulida	NA		2	2	2:6,8	
Sipuncula	NA		1	1	2:6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
77-0009A (Cont'd.)	formalin wet biomass; g/m^2	Ponar grab (0.05 m^2) haul taken and washed through 470 micron sieve.	Fixed with 10% buffered formalin.	Samples strained through 500 micron mesh, blotted dry and weighed on a Sartorius 2255 balance. Shells of molluscs were removed prior to weighing. Data are presented as station means.	Blotting is a low precision method	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		4	4	2:5,6,8	

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
77-0009B	enumeration; number/sample	Ponar grab (0.05 m^2) haul taken and washed through 470 micron sieve.	Fixed with 10% buffered formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		24	3	1:4	Note 3
Arthropoda	Copepoda	Calanoida	3	2	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	1	1	2:4,5,6,8	
Arthropoda	Malacostraca	Euphausiacea	1	1	2:4,5,6,8	
Arthropoda	Malacostraca	Isopoda	3	3	2:4,5,6,8	
Arthropoda	Malacostraca	Tanaidacea	1	1	2:4,5,6,8	
Arthropoda	Ostracoda	NS	1	1	2:4,5,6,8	
Arthropoda	Ostracoda	Podocopina	6	3	2:4,5,6,8	
Mollusca	Gastropoda		10	3	2:4,5,6,8	
Mollusca	Pelecypoda		5	3	2:4,5,6,8	
Nemata	NS		2	2	2:4,5,6,8	
Platyhelminthes	Turbellaria		1	1	2:4,5,6,8	
Priapulida	NA		1	1	2:4,5,6,8	
Sipuncula	NA		1	1	2:4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

77-0009B (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Ponar grab (0.05 m^2) haul taken and washed through 470 micron sieve.	Fixed with 10% buffered formalin.	Identifications performed under 6.4x or 16x magnification.	Specimens were sent to F. Bernard, J. Fulton and M. Arai for verification.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		24	3	1:4	Note 3
Arthropoda	Copepoda	Calanoida	3	2	2:6,8	
Arthropoda	Malacostraca	Amphipoda	1	1	2:6,8	
Arthropoda	Malacostraca	Euphausiacea	1	1	2:6,8	
Arthropoda	Malacostraca	Isopoda	3	3	2:6,8	
Arthropoda	Malacostraca	Tanaidacea	1	1	2:6,8	
Arthropoda	Ostracoda	NS	1	1	2:6,8	
Arthropoda	Ostracoda	Podocopina	6	3	2:6,8	
Bryozoa	Gymnolaemata		1	1	2:6,8	
Mollusca	Gastropoda		10	3	2:6,8	
Mollusca	Pelecypoda		5	3	2:6,8	
Nemata	NS		2	2	2:6,8	
Platyhelminthes	Turbellaria		1	1	2:6,8	
Priapulida	NA		1	1	2:6,8	
Sipuncula	NA		1	1	2:6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	Ponar grab (0.05 m^2) haul taken and washed through 470 micron sieve.	Fixed with 10% buffered formalin.	Samples strained through 500 micron mesh, blotted dry and weighed on a Sartorius 2255 balance. Shells of molluscs were removed prior to weighing. Data are presented as station means.	Blotting is a low precision method NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		3	3	2:4,5,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

78-0002

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	5 Van Veen hauls taken, subsamples of approx. 50 g removed, remainder pooled and sieved through 4 mm then 500 micron screen, selected organisms then removed for chemical analyses.	Fixed in 10% formalin transferred to 30% alcohol, 1% glycerine for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		5	1	2:2,4,5,6,8	
Arthropoda	Copepoda	Harpacticoida	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	3	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Tanaidacea	1	1	2:2,4,5,6,8	
Cnidaria	Hydrozoa		2	1	2:2,4,5,6,8	
Echinodermata	Stelleroidea		1	1	2:2,4,5,6,8	
Mollusca	Gastropoda		1	1	2:2,4,5,6,8	
Mollusca	Pelecypoda		2	1	2:2,4,5,6,8	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	5 Van Veen hauls taken, subsamples of approx. 50 g removed, remainder pooled and sieved through 4 mm then 500 micron screen, selected organisms then removed for chemical analyses.	Fixed in 10% formalin transferred to 30% alcohol, 1% glycerine for storage.	Only biota identified were reported, unknown and unidentifiable organisms were not reported.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		5	1	2:4,6,8	
Arthropoda	Copepoda	Harpacticoida	1	1	2:4,6,8	
Arthropoda	Malacostraca	Amphipoda	3	1	2:4,6,8	
Arthropoda	Malacostraca	Cumacea	1	1	2:4,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:4,6,8	
Arthropoda	Malacostraca	Tanaidacea	1	1	2:4,6,8	
Cnidaria	Hydrozoa		2	1	2:4,6,8	
Echinodermata	Stelleroidea		1	1	2:4,6,8	
Mollusca	Gastropoda		1	1	2:4,6,8	
Mollusca	Pelecypoda		2	1	2:4,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

78-0002 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; mg/m^2	5 Van Veen hauls taken, subsamples of approx. 50 g removed, remainder pooled and sieved through 4 mm then 500 micron screen, selected organisms then removed for chemical analyses.	Fixed in 10% formalin transferred to 30% alcohol, 1% glycerine for storage.	Dried at 65°C and weighed NS to nearest 0.1 mg, samples not decalcified.		

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:2,4,5,6,8	
Echinodermata	Stelleroidea		1	1	2:2,4,5,6,8	
Mollusca	Gastropoda		1	1	2:2,4,5,6,8	
Mollusca	Pelecypoda		1	1	2:2,4,5,6,8	

78-0018	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Five Van Veen grab hauls ($0.055\ m^2$) were taken, subsamples of approximately 50 g removed from each, remainder pooled and sieved through 4 mm then 500 micron mesh, selected organisms removed and the remainder preserved.	Fixed in 10% formalin, transferred to 30% alcohol 1% glycerine for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		19	4	2:2,4,5,6,8	
Arthropoda	Copepoda	Harpacticoida	2	2	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	8	4	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	2	2	2:2,4,5,6,8	
Arthropoda	Malacostraca	Tanaidacea	4	4	2:2,4,5,6,8	
Arthropoda	Ostracoda	Myodocopina	1	1	2:2,4,5,6,8	
Arthropoda	Ostracoda	Podocopina	2	2	2:2,4,5,6,8	
Echinodermata	Stelleroidea		1	1	2:2,4,5,6,8	
Mollusca	Gastropoda		8	4	2:2,4,5,6,8	
Mollusca	Pelecypoda		5	4	2:2,4,5,6,8	
Priapulida	NA		1	1	2:2,4,5,6,8	
Sipuncula	NA		2	2	2:2,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

78-0018 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Five Van Veen grab hauls ($0.055\ m^2$) were taken, subsamples of approximately 50 g removed from each, remainder pooled and sieved through 4 mm then 500 micron mesh, selected organisms removed and the remainder preserved.	Fixed in 10% formalin, transferred to 30% alcohol 1% glycerine for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		19	4	2:4,6,8	
Arthropoda	Copepoda	Harpacticoida	2	2	2:4,6,8	
Arthropoda	Malacostraca	Amphipoda	8	4	2:4,6,8	
Arthropoda	Malacostraca	Cumacea	1	1	2:4,6,8	
Arthropoda	Malacostraca	Isopoda	2	2	2:4,6,8	
Arthropoda	Malacostraca	Tanaidacea	4	4	2:4,6,8	
Arthropoda	Ostracoda	Myodocopina	1	1	2:4,6,8	
Arthropoda	Ostracoda	Podocopina	2	2	2:4,6,8	
Echinodermata	Stelleroidea		1	1	2:4,6,8	
Mollusca	Gastropoda		8	4	2:4,6,8	
Mollusca	Pelecypoda		5	4	2:4,6,8	
Priapulida	NA		1	1	2:4,6,8	
Sipuncula	NA		2	2	2:4,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
78-0018 (Cont'd.)	formalin dry biomass; mg/m^2	Five Van Veen grab hauls (0.055 m^2) were taken, subsamples of approximately 50 g removed from each, remainder pooled and sieved through 4 mm then 500 micron mesh, selected organisms removed and the remainder preserved.	Fixed in 10% formalin, transferred to 30% alcohol 1% glycerine for storage.	Dried at 65°C and weighed to nearest 0.1 mg, weight includes calcareous parts.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		4	4	2:2,4,5,6,8	
Arthropoda	Copepoda	Harpacticoids	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	4	4	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	2	2	2:2,4,5,6,8	
Arthropoda	Malacostraca	Tanaidacea	4	4	2:2,4,5,6,8	
Echinodermata	Stelleroidea		1	1	2:2,4,5,6,8	
Mollusca	Gastropoda		4	4	2:2,4,5,6,8	
Mollusca	Pelecypoda		4	4	2:2,4,5,6,8	
Priapulida	NA		1	1	2:2,4,5,6,8	
Sipuncula	NA		2	2	2:2,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

79-0007	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Five grab hauls with a 0.055 m^2 Van Veen grab were taken, a subsample of approximately 50 g was removed from each grab, the remainder was pooled then sieved through 4 mm and 500 micron sieves, representative organisms were then removed by hand.	Fixed with 10% formalin, transferred to 30% alcohol, 1% glycerine for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		76	4	2:2,4,5,6,8	
Arthropoda	Copepoda	Calanoida	13	4	2:2,4,5,6,8	
Arthropoda	Copepoda	Harpacticoida	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	58	4	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	20	4	2:2,4,5,6,8	
Arthropoda	Malacostraca	Decapoda	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Tanaidacea	6	4	2:2,4,5,6,8	
Arthropoda	Ostracoda	Podocopina	5	4	2:2,4,5,6,8	
Bryozoa	Gymnolaemata		3	3	2:2,4,5,6,8	
Bryozoa	Stenolaemata		2	2	2:2,4,5,6,8	
Chordata	Ascidiacea		6	3	2:2,4,5,6,8	
Cnidaria	Anthozoa		10	4	2:2,4,5,6,8	
Cnidaria	Hydrozoa		4	3	2:2,4,5,6,8	
Echinodermata	Stelleroidea		4	4	2:2,4,5,6,8	
Hemichordata	Enteropneusta		5	3	2:2,4,5,6,8	
Mollusca	Gastropoda		22	4	2:2,4,5,6,8	
Mollusca	Pelecypoda		41	4	2:2,4,5,6,8	
Nemertea	Anopla		4	3	2:2,4,5,6,8	
Priapulida	NA		4	2	2:2,4,5,6,8	
Sipuncula	NA		6	3	2:2,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

79-0007 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Five grab hauls with a 0.055 m^2 Van Veen grab were taken, a subsample of approximately 50 g was removed from each grab, the remainder was pooled then sieved through 4 mm and 500 micron sieves, representative organisms were then removed by hand.	Fixed with 10% formalin, transferred to 30% alcohol, 1% glycerine for storage.	Only the biota identified are reported, unidentified or unidentifiable organisms were not recorded.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		76	4	2:4,6,8	
Arthropoda	Copepoda	Calanoida	13	4	2:4,6,8	
Arthropoda	Copepoda	Harpacticoida	1	1	2:4,6,8	
Arthropoda	Malacostraca	Amphipoda	58	4	2:4,6,8	
Arthropoda	Malacostraca	Cumacea	20	4	2:4,6,8	
Arthropoda	Malacostraca	Decapoda	1	1	2:4,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:4,6,8	
Arthropoda	Malacostraca	Tanaidacea	6	4	2:4,6,8	
Arthropoda	Ostracoda	Podocopina	4	3	2:4,6,8	
Bryozoa	Gymnolaemata		3	3	2:4,6,8	
Bryozoa	Stenolaemata		2	2	2:4,6,8	
Chordata	Ascidiacea		6	3	2:4,6,8	
Cnidaria	Anthozoa		10	4	2:4,6,8	
Cnidaria	Hydrozoa		4	3	2:4,6,8	
Echinodermata	Stelleroidea		4	4	2:4,6,8	
Hemichordata	Enteropneusta		5	3	2:4,6,8	
Mollusca	Gastropoda		22	4	2:4,6,8	
Mollusca	Pelecypoda		41	4	2:4,6,8	
Nemertea	Anopla		4	3	2:4,6,8	
Priapulida	NA		4	2	2:4,6,8	
Sipuncula	NA		6	3	2:4,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

79-0007 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; g/m^2	Five grab hauls with a 0.055 m^2 Van Veen grab were taken, a subsample of approximately 50 g was removed from each grab, the remainder was pooled then sieved through 4 mm and 500 micron sieves, representative organisms were then removed by hand.	Fixed with 10% formalin, transferred to 30% alcohol, 1% glycerine for storage.	Dried at 65°C and weighed NS to nearest 0.1 mg, samples not decalcified.		

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		4	4	2:2,4,5,6,8	
Arthropoda	Copepoda	Calanoida	4	4	2:2,4,5,6,8	
Arthropoda	Copepoda	Harpacticoida	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	8	4	2:2,4,5,6,8	
Arthropoda	Malacostraca	Cumacea	4	4	2:2,4,5,6,8	
Arthropoda	Malacostraca	Decapoda	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Isopoda	1	1	2:2,4,5,6,8	
Arthropoda	Malacostraca	Tanaidacea	4	4	2:2,4,5,6,8	
Arthropoda	Ostracoda	NS	1	1	2:2,4,5,6,8	
Arthropoda	Ostracoda	Podocopina	1	1	2:2,4,5,6,8	
Bryozoa	Gymnolaemata		2	2	2:2,4,5,6,8	
Bryozoa	NS		1	1	2:2,4,5,6,8	
Bryozoa	Stenolaemata		1	1	2:2,4,5,6,8	
Chordata	Ascidiacea		3	3	2:2,4,5,6,8	
Cnidaria	Anthozoa		4	4	2:2,4,5,6,8	
Cnidaria	Hydrozoa		3	3	2:2,4,5,6,8	
Echinodermata	Stelleroidea		4	4	2:2,4,5,6,8	
Hemichordata	Enteropneusta		3	3	2:2,4,5,6,8	
Mollusca	Gastropoda		4	4	2:2,4,5,6,8	
Mollusca	Pelecypoda		4	4	2:2,4,5,6,8	
Nemertea	Anopla		2	2	2:2,4,5,6,8	
Nemertea	NS		1	1	2:2,4,5,6,8	
Priapulida	NA		2	2	2:2,4,5,6,8	
Sipuncula	NA		3	3	2:2,4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

79-0008

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Several grab hauls were pooled, sieved through 500 micron nylon screens, and selected organisms removed by hand.	Fixed in Helly's fixative for 24 h, rinsed in running seawater for 16 h and stored in 70% ethanol.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Mollusca	Pelecypoda		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
histopathological examination; condition index	Several grab hauls were pooled, sieved through 500 micron nylon screens, and selected organisms removed by hand.	Fixed in Helly's fixative for 24 h, rinsed in running seawater for 16 h and stored in 70% ethanol.	Tissues were cut into 3µm thick sections, placed in Tissue Tek II cassettes, dehydrated in alcohol, cleared in xylene and vacuum infiltrated with paraffin. Embedded tissues were sectioned at 6 microns on a rotary microtome, mounted on slides by floatation and dried at 50°C for 3-4 h. Slides were stained with Harris' hematoxylin and eosin stains, coverslipped and photographed with a Zeiss Universal R microscope. Slides were examined with a Zeiss Jena EGRAVAL microscope and rated according to a 4 point scale for reproductive development, Hyalinocytes, granulocytes, amorphous bodies, parasites, nutritive index, reproductive degeneration, digestive degeneration and Mya degeneration.	A blind rating system with blind replication was employed, precision was reported as +/- 8.5 to +/- 86.3% RSD. Slides and photographs were archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Mollusca	Pelecypoda		1	1	4	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

79-0008 (Cont'd.)	**MEASUREMENT; UNITS**	**COLLECTION**	**FIXATION AND PRESERVATION**	**ANALYSIS**	**PRECISION AND ACCURACY**	**REMARKS**
	sex; m/f/unknown	Several grab hauls were pooled, sieved through 500 micron nylon screens, and selected organisms removed by hand.	Fixed in Helly's fixative for 24 h, rinsed in running seawater for 16 h and stored in 70% ethanol.	Microscopic examination of mounted sections.	A blind rating system with blind replication was employed, precision was reported as +/- 0.0% RSD. Slides and photographs were archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Mollusca	Pelecypoda		1	1	4	

79-0025	**MEASUREMENT; UNITS**	**COLLECTION**	**FIXATION AND PRESERVATION**	**ANALYSIS**	**PRECISION AND ACCURACY**	**REMARKS**
	enumeration; number/duplicate sample	Six ponar grab hauls ($0.0542\ m^2$) were pooled and sieved through a 500 micron mesh.	Fixed and stored in 10% formalin.	Data are presented as the totals of duplicate samples.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		28	28	2:4,5,8	

	MEASUREMENT; UNITS	**COLLECTION**	**FIXATION AND PRESERVATION**	**ANALYSIS**	**PRECISION AND ACCURACY**	**REMARKS**
	formalin wet biomass; g/duplicate sample	Six ponar grab hauls ($0.0542\ m^2$) were pooled and sieved through a 500 micron mesh.	Fixed and stored in 10% formalin.	Data are presented as the totals of duplicate samples.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		30	30	2:4,5,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

79-0026

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	Four grab hauls were taken with a 0.055 m^2 Ponar grab through the ice, samples were pooled and a subsample of variable volume removed, depth of penetration and volume of sample were not recorded, samples were placed in canvas bags.	Samples were frozen before sieving, thawed in the laboratory, sieved through 1 mm then 500 micron ASTM sieves and fixed with 10% buffered formalin.	NS	Improper fixation has probably biased these data.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		6	3	1:3	
Arthropoda	Malacostraca	Amphipoda	1	1	1:3	
Arthropoda	Malacostraca	Cumacea	2	2	1:3	
Mollusca	Gastropoda		3	1	2:1,2,4,8	
Mollusca	Pelecypoda		7	3	2:1,2,4,8	
Priapulida	NA		1	1	1:3	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Four grab hauls were taken with a 0.055 m^2 Ponar grab through the ice, samples were pooled and a subsample of variable volume removed, depth of penetration and volume of sample were not recorded, samples were placed in canvas bags.	Samples were frozen before sieving, thawed in the laboratory, sieved through 1 mm then 500 micron ASTM sieves and fixed with 10% buffered formalin.	List of keys used available.	Improper fixation has probably biased these data, a reference collection is available.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		6	3	1:3	
Arthropoda	Malacostraca	Amphipoda	1	1	1:3	
Arthropoda	Malacostraca	Cumacea	2	2	1:3	
Arthropoda	NS	NS	1	1	1:3	
Mollusca	Gastropoda		4	2	3	Note 4
Mollusca	Pelecypoda		7	3	3	Note 4
Priapulida	NA		1	1	1:3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0004A	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration number/m^2	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		8	8	3	Note 4
Annelida	Polychaeta		56	12	3	Note 4
Arthropoda	Malacostraca	Amphipoda	26	11	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	4	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	13	10	3	Note 4
Cnidaria	Anthozoa		3	3	3	Note 4
Mollusca	Gastropoda		10	6	3	Note 4
Mollusca	Pelecypoda		15	10	3	Note 4
Nemertea	NS		3	3	3	Note 4
Priapulida	NA		7	7	3	Note 4
Sipuncula	NA		6	6	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0004A (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	List of keys specified, reference collection available.	Specimens archived and available for reevaluation.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		8	8	3	
Annelida	Polychaeta		56	12	3	
Arthropoda	Malacostraca	Amphipoda	26	11	3	
Arthropoda	Malacostraca	Cumacea	4	4	3	
Arthropoda	Malacostraca	Decapoda	1	1	3	
Arthropoda	Malacostraca	Isopoda	13	10	3	
Bryozoa	Gymnolaemata		8	5	3	
Cnidaria	Anthozoa		3	3	3	
Cnidaria	Hydrozoa		3	3	3	
Mollusca	Gastropoda		10	6	3	
Mollusca	Pelecypoda		15	10	3	
Nemertea	NS		3	3	3	
Priapulida	NA		7	7	3	
Sipuncula	NA		6	6	3	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
shell length; mm	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Mollusca	Pelecypoda		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin dry biomass; g/m^2	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed in 5 10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Molluscs decalcified with 3% (V/V) hydrochloric acid prior to weighing.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida			8	8	3	
Annelida	Oligochaeta		50	12	3	Note 4
Arthropoda	Polychaeta		25	11	3	Note 4
Arthropoda	Malacostraca		3	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	12	10	3	Note 4
Mollusca	Malacostraca	Cumacea	6	6	3	Note 4
Mollusca	Gastropoda	Isopoda	13	9	3	Note 4
Nemertea	Pelecypoda		3	3	3	Note 4
Priapulida	NS		7	7	3	Note 4
Sipuncula	NA		4	4	3	Note 4
	NA					

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Molluscs decalcified with 3% (V/V) hydrochloric acid prior to weighing.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida			8	8	3	
Annelida	Oligochaeta		56	12	3	Note 4
Arthropoda	Polychaeta		26	11	3	Note 4
Arthropoda	Malacostraca		4	4	3	Note 4
Arthropoda	Malacostraca	Amphipoda	1	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	13	10	3	Note 4
Cnidaria	Malacostraca	Decapoda	3	3	3	Note 4
Mollusca	Anthozoa	Isopoda	10	6	3	Note 4
Mollusca	Gastropoda		15	10	3	Note 4
Nemertea	Pelecypoda		3	3	3	Note 4
Priapulida	NS		7	7	3	Note 4
Sipuncula	NA		6	6	3	Note 4
	NA					Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0004C	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		10	10	3	Note 4
Annelida	Polychaeta		77	13	3	Note 4
Arthropoda	Branchiopoda	Cladocera	2	2	3	Note 4
Arthropoda	Copepoda	Calanoida	3	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	58	13	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	5	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Euphausiacea	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	12	11	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Chaetognatha	Sagittoidea		4	4	3	Note 4
Chordata	Ascidiacea		4	4	3	Note 4
Cnidaria	Anthozoa		3	3	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Mollusca	Gastropoda		7	4	3	Note 4
Mollusca	Pelecypoda		21	11	3	Note 4
Nemertea	NS		2	2	3	Note 4
Priapulida	NA		10	10	3	Note 4
Sipuncula	NA		11	11	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0004C (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	List of keys specified, reference collection available.	Specimens archived and available for reevaluation.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		10	10	3	
Annelida	Polychaeta		77	13	3	
Arthropoda	Branchiopoda	Cladocera	3	3	3	
Arthropoda	Copepoda	Calanoida	3	3	3	
Arthropoda	Malacostraca	Amphipoda	58	13	3	
Arthropoda	Malacostraca	Cumacea	5	5	3	
Arthropoda	Malacostraca	Decapoda	1	1	3	
Arthropoda	Malacostraca	Euphausiacea	1	1	3	
Arthropoda	Malacostraca	Isopoda	12	11	3	
Arthropoda	Malacostraca	Mysidacea	3	3	3	
Bryozoa	Gymnolaemata		6	5	3	
Chaetognatha	Sagittoidea		4	4	3	
Chordata	Ascidiacea		4	4	3	
Cnidaria	Anthozoa		4	4	3	
Cnidaria	Hydrozoa		7	5	3	
Mollusca	Gastropoda		7	4	3	
Mollusca	Pelecypoda		21	11	3	
Nemertea	NS		2	2	3	
Platyhelminthes	Turbellaria		1	1	3	
Porifera	NS		2	2	3	
Priapulida	NA		10	10	3	
Sipuncula	NA		11	11	3	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
shell length; mm	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Mollusca	Pelecypoda		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0004C (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; g/m^2	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Molluscs decalcified with 3% (V/V) hydrochloric acid prior to weighing.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		10	10	3	Note 4
Annelida	Polychaeta		69	13	3	Note 4
Arthropoda	Branchiopoda	Cladocera	1	1	3	Note 4
Arthropoda	Copepoda	Calanoida	3	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	55	13	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	4	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Euphausiacea	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	10	9	3	Note 4
Chaetognatha	Sagittoidea	Mysidacea	2	2	3	Note 4
Chordata	Ascidiacea		4	4	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Mollusca	Gastropoda		2	2	3	Note 4
Mollusca	Pelecypoda		4	4	3	Note 4
Nemertea	NS		17	9	3	Note 4
Platyhelminthes	Turbellaria		1	1	3	Note 4
Priapulida	NA		1	1	3	Note 4
Sipuncula	NA		9	9	3	Note 4
			8	8	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0004C (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin wet biomass; g/m^2	Five grab hauls collected with a 0.055 m^2 Ponar grab and pooled, subsamples removed, sieved through a 500 micron polyethylene screen.	Fixed in 5 10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Molluscs decalcified with 3% (V/V) hydrochloric acid prior to weighing.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		10	10	3	Note 4
Annelida	Polychaeta		77	13	3	Note 4
Arthropoda	Branchiopoda	Cladocera	2	2	3	Note 4
Arthropoda	Copepoda	Calanoida	3	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	58	13	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	5	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Euphausiacea	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	12	11	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Chaetognatha	Sagittoidea		4	4	3	Note 4
Chordata	Ascidiacea		4	4	3	Note 4
Cnidaria	Anthozoa		3	3	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Mollusca	Gastropoda		7	4	3	Note 4
Mollusca	Pelecypoda		19	10	3	Note 4
Nemertea	NS		2	2	3	Note 4
Platyhelminthes	Turbellaria		1	1	3	Note 4
Porifera	NS		2	2	3	Note 4
Priapulida	NA		10	10	3	Note 4
Sipuncula	NA		11	11	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0006	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/sample	3 to 6 Ponar grab (0.05 m^2) hauls pooled, washed through 500 micron stainless steel sieve.	Fixed with 10% formalin in seawater.	Enumeration of major taxonomic groups on duplicate samples, duplicate samples were pooled for identification at species level.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		99	8	3	Note 4
Arthropoda	Copepoda	Harpacticoida	2	2	3	Note 4
Arthropoda	Malacostraca	Amphipoda	36	8	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	5	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	6	6	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	6	6	3	Note 4
Arthropoda	Ostracoda	NS	7	7	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Chaetognatha	Sagittoidea		2	2	3	Note 4
Cnidaria	Anthozoa		2	2	3	Note 4
Echinodermata	Holothuroidea		8	8	3	Note 4
Echinodermata	Stelleroidea		8	8	3	Note 4
Echiura	NA		4	4	3	Note 4
Mollusca	Gastropoda		26	8	3	Note 4
Mollusca	Pelecypoda		29	8	3	Note 4
Nemata	NS		8	8	3	Note 4
Nemertea	Anopla		4	4	3	Note 4
Nemertea	NS		5	5	3	Note 4
Sipuncula	NA		1	1	3	Note 4
Unknown	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0006 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; order/species	3 to 6 Ponar grab (0.05 m^2) hauls pooled, washed through 500 micron stainless steel sieve.	Fixed with 10% formalin in seawater.	Sieved again through 500 micron mesh and identified, list of keys used specified, identifications performed at order level on duplicate samples, all samples from each station were pooled for identification at species level.	A reference collection is available, specimens were forwarded to the Smithsonian for verification, the list of keys does not include some common keys that are appropriate for the region (e.g. Lubinsky 1980).	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		100	8	3	
Arthropoda	Copepoda	Calanoida	7	7	3	
Arthropoda	Copepoda	Cyclopoida	1	1	3	
Arthropoda	Copepoda	Harpacticoida	2	2	3	
Arthropoda	Malacostraca	Amphipoda	36	8	3	
Arthropoda	Malacostraca	Cumacea	5	5	3	
Arthropoda	Malacostraca	Decapoda	1	1	3	
Arthropoda	Malacostraca	Isopoda	6	6	3	
Arthropoda	Malacostraca	Mysidacea	1	1	3	
Arthropoda	Malacostraca	Tanaidacea	6	6	3	
Arthropoda	Ostracoda	NS	7	7	3	
Arthropoda	Pycnogonida	NA	1	1	3	
Bryozoa	Phylactolaemata		1	1	3	
Chaetognatha	Sagittoidea		2	2	3	
Cnidaria	Anthozoa		2	2	3	
Cnidaria	Hydrozoa		8	8	3	
Echinodermata	Holothuroidea		8	8	3	
Echinodermata	Stelleroidea		8	8	3	
Echiura	NA		4	4	3	
Mollusca	Gastropoda		26	8	3	
Mollusca	Pelecypoda		29	8	3	
Nemata	NS		8	8	3	
Nemertea	Anopla		4	4	3	
Nemertea	NS		5	5	3	
Priapulida	NA		1	1	3	
Sipuncula	NA		1	1	3	
Unknown	NA		2	2	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
80-0006 (Cont'd.)	formalin wet biomass; g/m^2	3 to 6 Ponar grab (0.05 m^2) hauls pooled, washed through 500 micron stainless steel sieve.	Fixed with 10% formalin in seawater.	Preserved samples to be chemically analyzed were measured, these data represent a subsample of unknown size removed from the station samples.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Community	NA		8	8	1:4	

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
80-0031	enumeration; number/sample	A single grab haul was collected with a modified Ekman grab (Burton and Flannagan, 1973), core samples removed for particle size and the remainder sieved through 200 micron mesh.	Fixed with 10% formalin, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		7	7	2:4,5,6,8	
Annelida	Polychaeta		11	11	2:4,5,6,8	
Arthropoda	Copepoda	NS	2	2	2:4,5,6,8	
Arthropoda	Insecta	Diptera	1	1	2:4,5,6,8	
Arthropoda	Malacostraca	Amphipoda	8	8	2:4,5,6,8	
Arthropoda	Malacostraca	Isopoda	3	3	2:4,5,6,8	
Arthropoda	Malacostraca	Mysidacea	2	2	2:4,5,6,8	
Arthropoda	Ostracoda	NS	6	6	2:4,5,6,8	
Cnidaria	Anthozoa		2	2	2:4,5,6,8	
Mollusca	Gastropoda		4	4	2:4,5,6,8	
Mollusca	Pelecypoda		7	7	2:4,5,6,8	
Nemata	NS		10	10	2:4,5,6,8	
Priapulida	NA		4	4	2:4,5,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
80-0031 (Cont'd.)	identification; order	A single grab haul was collected with a modified Ekman grab (Burton and Flannagan, 1973), core samples removed for particle size and the remainder sieved through 200 micron mesh.	Fixed with 10% formalin, NS transferred to 70% ethanol for storage.		NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		7	7	2:4,6,8	
Annelida	Polychaeta		11	11	2:4,6,8	
Arthropoda	Copepoda	NS	2	2	2:4,6,8	
Arthropoda	Insecta	Diptera	1	1	2:4,6,8	
Arthropoda	Malacostraca	Amphipoda	8	8	2:4,6,8	
Arthropoda	Malacostraca	Isopoda	3	3	2:4,6,8	
Arthropoda	Malacostraca	Mysidacea	2	2	2:4,6,8	
Arthropoda	Ostracoda	NS	6	6	2:4,6,8	
Cnidaria	Anthozoa		2	2	2:4,6,8	
Mollusca	Gastropoda		4	4	2:4,6,8	
Mollusca	Pelecypoda		7	7	2:4,6,8	
Nemata	NS		10	10	2:4,6,8	
Priapulida	NA		4	4	2:4,6,8	

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
80-0033	enumeration; number/sample	NS	Samples were reported to have been inadequately fixed.	NS	Improper fixation causes these data to be suspect.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		13	8	1:2,3	
Arthropoda	Malacostraca	Isopoda	2	2	1:2,3	
Arthropoda	Malacostraca	Tanaidacea	1	1	1:2,3	
Arthropoda	Ostracoda	NS	1	1	1:2,3	
Mollusca	Gastropoda		8	6	1:2,3	
Mollusca	Pelecypoda		12	9	1:2,3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
80-0033 (Cont'd.)	identification; species	NS	Samples were reported to have been inadequately fixed.	List of keys used is available.	A reference collection is available, samples were archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	NS		2	2	3	Note 4
Annelida	Polychaeta		21	8	3	Note 4
Arthropoda	Malacostraca	Amphipoda	2	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	1	1	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Mollusca	Gastropoda		8	6	3	Note 4
Mollusca	Pelecypoda		12	9	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0101A	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Generally three grab hauls were pooled, subsamples of sediment then removed, the remaining volume measured and then sieved through a 500 micron screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Fragments counted but identified as such.	NS	Original data sheets contain numbers per sample, calculated densities have been rounded to the nearest integer and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		224	14	3	Note 4
Arthropoda	Copepoda	Calanoida	3	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	90	14	3	Note 4
Arthropoda	Malacostraca	Cumacea	32	12	3	Note 4
Arthropoda	Malacostraca	Isopoda	14	8	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	9	9	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Bryozoa	Gymnolaemata		1	1	3	Note 4
Bryozoa	NS		1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Anthozoa		3	3	3	Note 4
Echinodermata	Holothuroidea		3	3	3	Note 4
Echinodermata	Stelleroidea		3	3	3	Note 4
Echiura	NA		1	1	3	Note 4
Mollusca	Gastropoda		62	14	3	Note 4
Mollusca	Pelecypoda		104	13	3	Note 4
Nemata	NS		1	1	3	Note 4
Nemertea	NS		10	10	3	Note 4
Priapulida	NA		1	1	3	Note 4
Sipuncula	NA		12	9	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0101A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Generally three grab hauls were pooled, subsamples of sediment then removed, the remaining volume measured and then sieved through a 500 micron screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	List of keys used specified.	Reference collection available, samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		235	14	3	
Arthropoda	Copepoda	Calanoida	3	3	3	
Arthropoda	Malacostraca	Amphipoda	93	14	3	
Arthropoda	Malacostraca	Cumacea	32	12	3	
Arthropoda	Malacostraca	Isopoda	14	8	3	
Arthropoda	Malacostraca	Mysidacea	1	1	3	
Arthropoda	Malacostraca	Tanaidacea	9	9	3	
Arthropoda	Ostracoda	NS	1	1	3	
Bryozoa	Gymnolaemata		1	1	3	
Bryozoa	NS		3	3	3	
Bryozoa	Stenolaemata		1	1	3	
Chordata	Ascidiacea		1	1	3	
Chordata	NS		2	2	3	
Cnidaria	Anthozoa		5	5	3	
Cnidaria	Hydrozoa		1	1	3	
Echinodermata	Holothuroidea		3	3	3	
Echinodermata	Stelleroidea		4	4	3	
Echiura	NA		1	1	3	
Mollusca	Gastropoda		62	14	3	
Mollusca	Pelecypoda		105	13	3	
Nemata	NS		1	1	3	
Nemertea	NS		10	10	3	
Priapulida	NA		1	1	3	
Sipuncula	NA		12	9	3	
Unknown	NA		2	2	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0101A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; g/m^2	Generally three grab hauls were pooled, subsamples of sediment then removed, the remaining volume measured and then sieved through a 500 micron screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Molluscs decalcified before drying.	NS	Original data sheets contain weights per sample, these are formalin dry weights, calculated biomasses have too many significant figures and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		160	14	3	Note 4
Arthropoda	Copepoda	Calanoida	2	2	3	Note 4
Arthropoda	Malacostraca	Amphipoda	76	14	3	Note 4
Arthropoda	Malacostraca	Cumacea	20	10	3	Note 4
Arthropoda	Malacostraca	Isopoda	9	6	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	7	7	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Bryozoa	NS		2	2	3	Note 4
Bryozoa	Stenolaemata		1	1	3	Note 4
Cnidaria	Anthozoa		2	2	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Echiura	NA		1	1	3	Note 4
Mollusca	Gastropoda		45	14	3	Note 4
Mollusca	Pelecypoda		86	13	3	Note 4
Nemertea	NS		6	6	3	Note 4
Sipuncula	NA		8	8	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0101A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin wet biomass; g/m^2	Generally three grab hauls were pooled, subsamples of sediment then removed, the remaining volume measured and then sieved through a 500 micron screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Fragments weighed but identified as such.	NS	Original data sheets contain weights per sample, these are formalin wet weights, calculated biomasses have too many significant figures and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		201	14	3	Note 4
Arthropoda	Copepoda	Calanoida	3	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	76	14	3	Note 4
Arthropoda	Malacostraca	Cumacea	23	11	3	Note 4
Arthropoda	Malacostraca	Isopoda	9	6	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	9	9	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Bryozoa	Gymnolaemata		1	1	3	Note 4
Bryozoa	NS		3	3	3	Note 4
Bryozoa	Stenolaemata		1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Chordata	NS		2	2	3	Note 4
Cnidaria	Anthozoa		4	4	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		3	3	3	Note 4
Echinodermata	Stelleroidea		4	4	3	Note 4
Echiura	NA		1	1	3	Note 4
Mollusca	Gastropoda		50	14	3	Note 4
Mollusca	Pelecypoda		92	13	3	Note 4
Nemata	NS		1	1	3	Note 4
Nemertea	NS		10	10	3	Note 4
Priapulida	NA		1	1	3	Note 4
Sipuncula	NA		10	9	3	Note 4
Unknown	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0101B	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Generally three grab hauls were pooled, subsamples of sediment then removed, the remaining volume measured and then sieved through a 500 micron screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Fragments counted but identified as such.	NS	Original data sheets contain numbers per sample, calculated densities have been rounded to the nearest integer and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		189	12	3	Note 4
Arthropoda	Copepoda	Calanoida	3	3	3	Note 4
Arthropoda	Copepoda	Harpacticoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	113	12	3	Note 4
Arthropoda	Malacostraca	Cumacea	22	12	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	9	7	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	9	8	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Bryozoa	NS		2	2	3	Note 4
Chordata	Ascidiacea		7	7	3	Note 4
Cnidaria	Anthozoa		2	2	3	Note 4
Cnidaria	NS		2	2	3	Note 4
Echinodermata	Holothuroidea		5	5	3	Note 4
Echinodermata	NS		1	1	3	Note 4
Echinodermata	Stelleroidea		4	4	3	Note 4
Echiura	NA		3	3	3	Note 4
Mollusca	Gastropoda		33	10	3	Note 4
Mollusca	Pelecypoda		71	11	3	Note 4
Nemertea	NS		7	7	3	Note 4
Sipuncula	NA		8	7	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

80-0101B (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Generally three grab hauls were pooled, subsamples of sediment then removed, the remaining volume measured and then sieved through a 500 micron screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	List of keys used specified.	Reference collection available, samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	
Annelida	Polychaeta		194	12	3	
Arthropoda	Copepoda	Calanoida	3	3	3	
Arthropoda	Copepoda	Harpacticoida	1	1	3	
Arthropoda	Malacostraca	Amphipoda	113	12	3	
Arthropoda	Malacostraca	Cumacea	22	12	3	
Arthropoda	Malacostraca	Decapoda	1	1	3	
Arthropoda	Malacostraca	Isopoda	9	7	3	
Arthropoda	Malacostraca	Mysidacea	2	2	3	
Arthropoda	Malacostraca	Tanaidacea	9	8	3	
Arthropoda	Pycnogonida	NA	1	1	3	
Bryozoa	NS		4	4	3	
Chordata	Ascidiacea		7	7	3	
Cnidaria	Anthozoa		2	2	3	
Cnidaria	Hydrozoa		3	3	3	
Cnidaria	NS		2	2	3	
Echinodermata	Holothuroidea		5	5	3	
Echinodermata	NS		1	1	3	
Echinodermata	Stelleroidea		4	4	3	
Echiura	NA		3	3	3	
Mollusca	Gastropoda		33	10	3	
Mollusca	Pelecypoda		71	11	3	
Nemertea	NS		7	7	3	
Sipuncula	NA		8	7	3	
Unknown	NA		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
80-0101B (Cont'd.)	formalin dry biomass; g/m^2	Generally three grab hauls were pooled, subsamples of sediment then removed, the remaining volume measured and then sieved through a 500 micron screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Molluscs decalcified before drying.	NS	Original data sheets contain weights per sample, these are formalin dry weights, calculated biomasses have too many significant figures and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		143	12	3	Note 4
Arthropoda	Copepoda	Calanoida	2	2	3	Note 4
Arthropoda	Copepoda	Harpacticoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	78	12	3	Note 4
Arthropoda	Malacostraca	Cumacea	20	10	3	Note 4
Arthropoda	Malacostraca	Isopoda	7	6	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	6	5	3	Note 4
Bryozoa	NS		4	4	3	Note 4
Chordata	Ascidiacea		4	4	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echiura	NA		2	2	3	Note 4
Mollusca	Gastropoda		26	10	3	Note 4
Mollusca	Pelecypoda		63	11	3	Note 4
Nemertea	NS		6	6	3	Note 4
Sipuncula	NA		7	7	3	Note 4

80-0101B (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin wet biomass; g/m^2	Generally three grab hauls were pooled, subsamples of sediment then removed, the remaining volume measured and then sieved through a 500 micron screen.	Fixed in 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	Fragments weighed but identified as such.	NS	Original data sheets contain weights per sample, these are formalin wet weights, calculated biomasses have too many significant figures and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		159	12	3	Note 4
Arthropoda	Copepoda	Calanoida	3	3	3	Note 4
Arthropoda	Copepoda	Harpacticoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	94	12	3	Note 4
Arthropoda	Malacostraca	Cumacea	21	11	3	Note 4
Arthropoda	Malacostraca	Isopoda	7	6	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	8	7	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Bryozoa	NS		4	4	3	Note 4
Chordata	Ascidiacea		7	7	3	Note 4
Cnidaria	Anthozoa		2	2	3	Note 4
Cnidaria	Hydrozoa		3	3	3	Note 4
Cnidaria	NS		2	2	3	Note 4
Echinodermata	Holothuroidea		5	5	3	Note 4
Echinodermata	NS		1	1	3	Note 4
Echinodermata	Stelleroidea		4	4	3	Note 4
Echiura	NA		3	3	3	Note 4
Mollusca	Gastropoda		26	10	3	Note 4
Mollusca	Pelecypoda		63	11	3	Note 4
Nemertea	NS		7	7	3	Note 4
Sipuncula	NA		7	7	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0003C	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/sample	Five grab hauls with a modified Van Veen (0.13 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		13	1	3	Note 4
Arthropoda	Copepoda	Harpacticoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	2	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	1	1	3	Note 4
Arthropoda	NS	NS	1	1	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Cnidaria	Hydrozoa		2	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		1	1	3	Note 4
Mollusca	Gastropoda		5	1	3	Note 4
Mollusca	Pelecypoda		3	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Nemertea	NS		1	1	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0003C (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Five grab hauls with a modified Van Veen (0.13 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	Samples resieved through 500 micron stainless steel mesh and identified.	Selected specimens verified by various recognized authorities. Selected specimens verified by various recognized authorities.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		13	1	3	
Arthropoda	Copepoda	Calanoida	1	1	3	
Arthropoda	Copepoda	Harpacticoida	1	1	3	
Arthropoda	Malacostraca	Amphipoda	2	1	3	
Arthropoda	Malacostraca	Cumacea	2	1	3	
Arthropoda	Malacostraca	Isopoda	1	1	3	
Arthropoda	Malacostraca	Tanaidacea	1	1	3	
Arthropoda	NS	NS	1	1	3	
Arthropoda	Ostracoda	NS	1	1	3	
Cnidaria	Hydrozoa		2	1	3	
Echinodermata	Holothuroidea		1	1	3	
Echinodermata	Stelleroidea		1	1	3	
Mollusca	Gastropoda		5	1	3	
Mollusca	Pelecypoda		3	1	3	
Nemata	NS		1	1	3	
Nemertea	NS		1	1	3	
Porifera	NS		1	1	3	
Sipuncula	NA		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0003X

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Five grab hauls with a modified Van Veen (0.13 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		9	1	3	Note 4
Arthropoda	Arachnida	NS	1	1	3	Note 4
Arthropoda	Copepoda	Harpacticoida	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	1	1	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Bryozoa	Phylactolaemata		1	1	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		1	1	3	Note 4
Mollusca	Gastropoda		5	1	3	Note 4
Mollusca	Pelecypoda		1	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Nemertea	NS		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Five grab hauls with a modified Van Veen (0.13 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	Samples resieved through 500 micron stainless steel mesh and identified.	Selected specimens verified by various recognized authorities.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		9	1	3	
Arthropoda	Arachnida	NS	1	1	3	
Arthropoda	Copepoda	Harpacticoida	1	1	3	
Arthropoda	Malacostraca	Isopoda	1	1	3	
Arthropoda	Malacostraca	Tanaidacea	1	1	3	
Arthropoda	Ostracoda	NS	1	1	3	
Bryozoa	Phylactolaemata		1	1	3	
Cnidaria	Hydrozoa		1	1	3	
Echinodermata	Holothuroidea		1	1	3	
Echinodermata	Stelleroidea		1	1	3	
Mollusca	Gastropoda		5	1	3	
Mollusca	Pelecypoda		1	1	3	
Nemata	NS		1	1	3	
Nemertea	NS		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0003Y	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/subsample	Two grab hauls with a modified Van Veen (0.13 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	8 of 16 subsamples counted.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		24	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	5	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	1	1	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Cnidaria	Hydrozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		1	1	3	Note 4
Mollusca	Gastropoda		5	1	3	Note 4
Mollusca	Pelecypoda		4	1	3	Note 4
Nemata	NS		1	1	3	Note 4
Nemertea	Anopla		2	1	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
81-0003Y (Cont'd.)	identification; species	Two grab hauls with a modified Van Veen (0.13 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	Samples resieved through 500 micron stainless steel mesh, split into 16 subsamples and 8 subsamples randomly selected for identification.	Selected specimens verified by various recognized authorities. Selected specimens verified by various recognized authorities.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	
Annelida	Polychaeta		24	1	3	
Arthropoda	Copepoda	Calanoida	1	1	3	
Arthropoda	Malacostraca	Amphipoda	5	1	3	
Arthropoda	Malacostraca	Cumacea	1	1	3	
Arthropoda	Malacostraca	Isopoda	1	1	3	
Arthropoda	Malacostraca	Tanaidacea	1	1	3	
Arthropoda	Ostracoda	NS	1	1	3	
Cnidaria	Hydrozoa		2	1	3	
Echinodermata	Holothuroidea		1	1	3	
Echinodermata	Stelleroidea		1	1	3	
Mollusca	Gastropoda		5	1	3	
Mollusca	Pelecypoda		4	1	3	
Nemata	NS		1	1	3	
Nemertea	Anopla		2	1	3	
Sipuncula	NA		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0005	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Two hauls with a 0.055 m^2 Ponar grab were pooled and immediately sieved through 500 micron polyethylene mesh.	Fixed with 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	NS	Samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		23	2	3	Note 4
Arthropoda	Arachnida	Acariformes	1	1	3	Note 4
Arthropoda	Copepoda	Calanoida	2	2	3	Note 4
Arthropoda	Copepoda	Caligoida	1	1	3	Note 4
Arthropoda	Copepoda	Cyclopoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	1	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	2	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Hemichordata	Enteropneusta		1	1	3	Note 4
Mollusca	Gastropoda		3	1	3	Note 4
Mollusca	Pelecypoda		5	2	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0005 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Two hauls with a 0.055 m^2 Ponar grab were pooled and immediately sieved through 500 micron polyethylene mesh.	Fixed with 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	List of keys used available.	Reference collection available, samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		25	2	3	Note 4
Arthropoda	Arachnida	Acariformes	1	1	3	Note 4
Arthropoda	Copepoda	Calanoida	2	2	3	Note 4
Arthropoda	Copepoda	Caligoida	1	1	3	Note 4
Arthropoda	Copepoda	Cyclopoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	1	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	2	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Cnidaria	Hydrozoa		3	2	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Hemichordata	Enteropneusta		1	1	3	Note 4
Mollusca	Gastropoda		3	1	3	Note 4
Mollusca	Pelecypoda		5	2	3	Note 4
Porifera	NS		1	1	3	Note 4
Sipuncula	NA		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
shell length; mm	Taken from hauls by a 0.055 m^2 Ponar grab, washed with seawater and held in unfiltered seawater with several changes of water for a period of 24 h to allow clearing of the gut tract.	Fixed in Helly's fixative for up to 24 h, shells were cracked if required to allow fixative to penetrate, rinsed for 24 h with seawater and then stored in 70% ethanol.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Mollusca	Pelecypoda		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0005 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
body length; mm	Taken from hauls by a 0.055 m^2 Ponar grab, washed with seawater and held in unfiltered seawater with several changes of water for a period of 24 h to allow clearing of the gut tract.	Fixed in Helly's fixative for up to 24 h, shells were cracked if required to allow fixative to penetrate, rinsed for 24 h with seawater and then stored in 70% ethanol.	Measurement excludes cephalic setae.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		2	2	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	Two hauls with a 0.055 m^2 Ponar grab were pooled and immediately sieved through 500 micron polyethylene mesh.	Fixed with 5-10% saline formalin buffered with sodium borate and stained with Rose Bengal, transferred to 70% ethanol for storage.	NS	Samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		23	2	3	Note 4
Arthropoda	Arachnida	Acariformes	1	1	3	Note 4
Arthropoda	Copepoda	Calanoida	2	2	3	Note 4
Arthropoda	Copepoda	Caligoida	1	1	3	Note 4
Arthropoda	Copepoda	Cyclopoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	1	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	2	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Hemichordata	Enteropneusta		1	1	3	Note 4
Mollusca	Gastropoda		3	1	3	Note 4
Mollusca	Pelecypoda		5	2	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0005 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	histopathological examination; condition index	Taken from hauls by a 0.055 m^2 Ponar grab, washed with seawater and held in unfiltered seawater with several changes of water for a period of 24 h to allow clearing of the gut tract.	Fixed in Helly's fixative for up to 24 h, shells were cracked if required to allow fixative to penetrate, rinsed for 24 h with seawater and then stored in 70% ethanol.	Clams were shucked, cut in half sagittally if large, and placed in Tissue Tek II cassettes, dehydrated in ethanol, cleared in xylene and vacuum infiltrated with paraffin. Embedded tissues were sectioned at 5 microns with a rotary microtome, mounted by floatation, and dried at 50°C. Slides were stained with Harris' hematoxylin, eosin and Periodic Acid Schiff's stains, coverslipped and photographed using a Zeiss Universal R microscope. Reproductive development, nutrient store level, levels of hemocytes, and number of parasites were rated according to a 5 point scale.	A blind rating system with blind replication was employed. Slides and photographs were archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Mollusca	Pelecypoda		2	2	4	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0005 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
histopathological examination; condition index	Taken from hauls by a 0.055 m^2 Ponar grab, washed with seawater and held in unfiltered seawater with several changes of water for a period of 24 h to allow clearing of the gut tract.	Fixed in Helly's fixative for up to 24 h, shells were cracked if required to allow fixative to penetrate, rinsed for 24 h with seawater and then stored in 70% ethanol.	Worms were cut in half sagittally if large, placed in Tissue Tek II cassettes, dehydrated in ethanol, cleared with xylene and then vacuum infiltrated with parratin. Embedded tissues were sectioned at 5 microns with a rotary microtome, mounted by floatation and dried at 50°C. Slides were stained with Harris' hematoxylin, eosin and Periodic Acid Schiff's stains, coverslipped and photographed using a Zeiss Universal R microscope. Reproductive development, levels of coelomocytes and number of parasites were rated according to a 5 point scale.	A blind rating system using blind replication was employed. Slides and photographs were archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		2	2	4	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
sex; m/f/unknown	Taken from hauls by a 0.055 m^2 Ponar grab, washed with seawater and held in unfiltered seawater with several changes of water for a period of 24 h to allow clearing of the gut tract.	Fixed in Helly's fixative for up to 24 h, shells were cracked if required to allow fixative to penetrate, rinsed for 24 h with seawater and then stored in 70% ethanol.	Microscopic examination of mounted sections.	A blind rating system with blind replication was employed. Slides and photographs were archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Mollusca	Pelecypoda		2	2	4	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0005 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	sex; m/f/unknown	Taken from hauls by a 0.055 m^2 Ponar grab, washed with seawater and held in unfiltered seawater with several changes of water for a period of 24 h to allow clearing of the gut.	Fixed in Helly's fixative for up to 24 h, shells were cracked if required to allow fixative to penetrate, rinsed for 24 h with seawater and then stored in 70% ethanol.	Microscopic examination of mounted sections.	A blind rating system using blind replication was employed. Slides and photographs were archived and are available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		2	2	4	

81-0009A	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alcohol stained with Rose Bengal for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		206	12	3	Note 4
Arthropoda	Copepoda	Calanoida	14	12	3	Note 4
Arthropoda	Malacostraca	Amphipoda	113	12	3	Note 4
Arthropoda	Malacostraca	Cumacea	19	8	3	Note 4
Arthropoda	Malacostraca	Isopoda	20	8	3	Note 4
Arthropoda	Malacostraca	Ostracoda	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	4	4	3	Note 4
Arthropoda	Ostracoda	NS	3	3	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Chaetognatha	Sagittoidea		3	3	3	Note 4
Chordata	Appendicularia		1	1	3	Note 4
Chordata	Ascidiacea		11	11	3	Note 4
Chordata	Enteropneusta		1	1	3	Note 4
Cnidaria	Anthozoa		13	9	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		13	7	3	Note 4
Mollusca	Gastropoda		48	11	3	Note 4
Mollusca	Pelecypoda		69	12	3	Note 4
Nemertea	NS		8	8	3	Note 4
Porifera	NS		4	4	3	Note 4
Sipuncula	NA		3	3	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0009A (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alcohol stained with Rose Bengal for storage.	List of keys used specified.	Reference collection available, samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	
Annelida	Polychaeta		213	12	3	
Arthropoda	Cirripedia	Thoracica	3	3	3	
Arthropoda	Copepoda	Calanoida	14	12	3	
Arthropoda	Malacostraca	Amphipoda	114	12	3	
Arthropoda	Malacostraca	Cumacea	19	8	3	
Arthropoda	Malacostraca	Isopoda	20	8	3	
Arthropoda	Malacostraca	Ostracoda	1	1	3	
Arthropoda	Malacostraca	Tanaidacea	4	4	3	
Arthropoda	Ostracoda	NS	3	3	3	
Arthropoda	Ostracoda	Podocopina	1	1	3	
Arthropoda	Pycnogonida	NA	1	1	3	
Bryozoa	Gymnolaemata		16	10	3	
Chaetognatha	Sagittoidea		3	3	3	
Chordata	Appendicularia		1	1	3	
Chordata	Ascidiacea		11	11	3	
Chordata	Enteropneusta		1	1	3	
Cnidaria	Anthozoa		17	9	3	
Cnidaria	Hydrozoa		35	11	3	
Echinodermata	Holothuroidea		1	1	3	
Echinodermata	NS		1	1	3	
Echinodermata	Stelleroidea		13	7	3	
Mollusca	Gastropoda		48	11	3	
Mollusca	Pelecypoda		69	12	3	
Nemata	NS		12	12	3	
Nemertea	NS		9	9	3	
Porifera	NS		4	4	3	
Sipuncula	NA		3	3	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
81-0009A (Cont'd.)	formalin wet biomass; g/m^2	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alcohol stained with Rose Bengal for storage.	NS	NS	Original data sheets contain weights per sample, these are formalin wet weights, calculated biomasses have too many significant figures and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		168	12	3	Note 4
Arthropoda	Copepoda	Calanoida	14	12	3	Note 4
Arthropoda	Malacostraca	Amphipoda	113	12	3	Note 4
Arthropoda	Malacostraca	Cumacea	17	8	3	Note 4
Arthropoda	Malacostraca	Isopoda	20	8	3	Note 4
Arthropoda	Malacostraca	Ostracoda	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	4	4	3	Note 4
Arthropoda	Ostracoda	NS	3	3	3	Note 4
Arthropoda	Ostracoda	Podocopina	1	1	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Chaetognatha	Sagittoidea		3	3	3	Note 4
Chordata	Appendicularia		1	1	3	Note 4
Chordata	Ascidiacea		11	11	3	Note 4
Chordata	Enteropneusta		1	1	3	Note 4
Cnidaria	Anthozoa		13	9	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		13	7	3	Note 4
Mollusca	Gastropoda		48	11	3	Note 4
Mollusca	Pelecypoda		69	12	3	Note 4
Nemertea	NS		8	8	3	Note 4
Porifera	NS		3	3	3	Note 4
Sipuncula	NA		3	3	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
81-0009A (Cont'd.)	none; b/w video	Benthic habitat was surveyed by diving biologists using SCUBA and a black and white video camera, diver observations were recorded on tape.	NA	Video footage was qualitatively examined.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		11	11	2	

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	none; colour photographs	Still photography of macrobenthos and surficial sediments by diving biologists using SCUBA and a Nikonos II camera with 35 mm lens, close up attachments and 35 mm colour film, film and exposure not specified.	NA	Photographs were qualitatively examined and some biota identified.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		8	8	2	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0009B	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alconol stained with Rose Bengal for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	NS		1	1	3	Note 4
Annelida	Polychaeta		55	4	3	Note 4
Arthropoda	Copepoda	Calanoida	4	4	3	Note 4
Arthropoda	Copepoda	Cyclopoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	42	4	3	Note 4
Arthropoda	Malacostraca	Cumacea	16	4	3	Note 4
Arthropoda	Malacostraca	Isopoda	8	3	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	4	4	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Chordata	Ascidiacea		3	3	3	Note 4
Chordata	NS		1	1	3	Note 4
Cnidaria	Anthozoa		5	4	3	Note 4
Cnidaria	Scyphozoa		1	1	3	Note 4
Echinodermata	Echinoidea		1	1	3	Note 4
Echinodermata	Stelleroidea		7	4	3	Note 4
Mollusca	Gastropoda		16	4	3	Note 4
Mollusca	Pelecypoda		31	4	3	Note 4
Nemertea	NS		3	3	3	Note 4
Porifera	NS		1	1	3	Note 4
Sipuncula	NS		4	4	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0009B (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alcohol stained with Rose Bengal for storage.	List of keys used specified.	Reference collection available, samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	NS		1	1	3	
Annelida	Polychaeta		56	4	3	
Arthropoda	Copepoda	Calanoida	4	4	3	
Arthropoda	Copepoda	Cyclopoida	1	1	3	
Arthropoda	Malacostraca	Amphipoda	42	4	3	
Arthropoda	Malacostraca	Cumacea	16	4	3	
Arthropoda	Malacostraca	Isopoda	4	3	3	
Arthropoda	Malacostraca	Mysidacea	2	2	3	
Arthropoda	Malacostraca	Tanaidacea	4	4	3	
Arthropoda	Ostracoda	NS	1	1	3	
Bryozoa	Gymnolaemata		4	2	3	
Chordata	Ascidiacea		3	3	3	
Chordata	NS		1	1	3	
Cnidaria	Anthozoa		7	4	3	
Cnidaria	Hydrozoa		3	2	3	
Cnidaria	Scyphozoa		1	1	3	
Echinodermata	Echinoidea		1	1	3	
Echinodermata	Stelleroidea		7	4	3	
Mollusca	Gastropoda		16	4	3	
Mollusca	Pelecypoda		31	4	3	
Nemata	NS		4	4	3	
Nemertea	NS		3	3	3	
Porifera	NS		1	1	3	
Sipuncula	NA		4	4	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0009B (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alcohol stained with Rose Bengal for storage.	NS	NS	Original data sheets contain weights per sample, these are formalin dry weights, calculated biomasses have too many significant figures and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	NS		1	1	3	Note 4
Annelida	Polychaeta		41	4	3	Note 4
Arthropoda	Copepoda	Calanoida	4	4	3	Note 4
Arthropoda	Copepoda	Cyclopoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	36	4	3	Note 4
Arthropoda	Malacostraca	Cumacea	9	4	3	Note 4
Arthropoda	Malacostraca	Isopoda	8	3	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	4	4	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Chordata	Ascidiacea		3	3	3	Note 4
Chordata	NS		1	1	3	Note 4
Cnidaria	Anthozoa		3	3	3	Note 4
Cnidaria	Scyphozoa		1	1	3	Note 4
Echinodermata	Echinoidea		1	1	3	Note 4
Echinodermata	Stelleroidea		7	4	3	Note 4
Mollusca	Gastropoda		16	4	3	Note 4
Mollusca	Pelecypoda		31	4	3	Note 4
Nemertea	NS		3	3	3	Note 4
Sipuncula	NA		4	4	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
none; b/w video	Benthic habitat was surveyed by diving biologists using SCUBA and a black and white video camera, diver observations were recorded on tape.	NA	Video footage was qualitatively examined.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		4	4	2	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0009B (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	none; colour photographs	Still photography of macrobenthos and surficial sediments by diving biologists using SCUBA and a Nikonos II camera with 35 mm lens, close up attachments and 35 mm colour film, film and exposure not specified.	NA	Photographs were qualitatively examined and some biota identified.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		4	4	2	

81-0018	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Grab hauls were taken with a 0.1 m^2 Van Veen, subsamples removed, and the remainder sieved within 6 h through a 500 micron sieve.	Fixed with 5-10% formalin buffered with sodium borate and stained with Rose Bengal, transferred to alcohol for storage.	NS	Samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		52	8	3	Note 4
Arthropoda	Copepoda	Calanoida	6	6	3	Note 4
Arthropoda	Malacostraca	Amphipoda	15	7	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	5	5	3	Note 4
Arthropoda	Ostracoda	NS	8	8	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Echinodermata	Holothuroidea		6	6	3	Note 4
Echinodermata	Stelleroidea		7	6	3	Note 4
Mollusca	Gastropoda		19	6	3	Note 4
Mollusca	Pelecypoda		22	8	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0018 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	Three grab hauls were taken with a 0.055 m^2 Ponar grab and pooled, subsamples removed, and the remainder sieved within 6 h through a 500 micron sieve.	Fixed with 5-10% formalin buffered with sodium borate and stained with Rose Bengal, transferred to alcohol for storage.	NS	Samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		29	2	3	Note 4
Arthropoda	Malacostraca	Amphipoda	8	2	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	3	2	3	Note 4
Arthropoda	Ostracoda	NS	2	2	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Mollusca	Gastropoda		4	2	3	Note 4
Mollusca	Pelecypoda		5	2	3	Note 4
Priapulida	NA		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Grab hauls were taken with a 0.1 m^2 Van Veen, subsamples removed, and the remainder sieved within 6 h through a 500 micron sieve.	Fixed with 5-10% formalin buffered with sodium borate and stained with Rose Bengal, transferred to alcohol for storage.	List of keys used available.	Reference collection available, samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		52	8	3	Note 4
Arthropoda	Copepoda	Calanoida	6	6	3	Note 4
Arthropoda	Malacostraca	Amphipoda	18	7	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	5	5	3	Note 4
Arthropoda	Ostracoda	NS	8	8	3	Note 4
Bryozoa	Gymnolaemata		2	2	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Hydrozoa		8	7	3	Note 4
Echinodermata	Holothuroidea		6	6	3	Note 4
Echinodermata	Stelleroidea		7	6	3	Note 4
Mollusca	Gastropoda		21	7	3	Note 4
Mollusca	Pelecypoda		22	8	3	Note 4
Nemata	NS		8	8	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
81-0018 (Cont'd.)	identification; species	Three grab hauls were taken with a 0.055 m^2 Ponar grab and pooled, subsamples removed, and the remainder sieved within 6 h through a 500 micron sieve.	Fixed with 5-10% formalin buffered with sodium borate and stained with Rose Bengal, transferred to alcohol for storage.	List of keys used available.	Reference collection available, samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		30	2	3	Note 4
Arthropoda	Malacostraca	Amphipoda	8	2	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	3	2	3	Note 4
Arthropoda	Ostracoda	NS	2	2	3	Note 4
Bryozoa	Gymnolaemata		2	2	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Hydrozoa		3	2	3	Note 4
Mollusca	Gastropoda		4	2	3	Note 4
Mollusca	Pelecypoda		5	2	3	Note 4
Nemata	NS		2	2	3	Note 4
Priapulida	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0018 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	Grab hauls were taken with a 0.1 m^2 Van Veen, subsamples removed, and the remainder sieved within 6 h through a 500 micron sieve.	Fixed with 5-10% formalin buffered with sodium borate and stained with Rose Bengal, transferred to alcohol for storage.	NS	Samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		52	8	3	Note 4
Arthropoda	Copepoda	Calanoida	6	6	3	Note 4
Arthropoda	Malacostraca	Amphipoda	15	7	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	5	5	3	Note 4
Arthropoda	Ostracoda	NS	8	8	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Echinodermata	Holothuroidea		6	6	3	Note 4
Echinodermata	Stelleroidea		7	6	3	Note 4
Hollusca	Gastropoda		19	6	3	Note 4
Hollusca	Pelecypoda		22	8	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	Three grab hauls were taken with a 0.055 m^2 Ponar grab and pooled, subsamples removed, and the remainder sieved within 6 h through a 500 micron sieve.	Fixed with 5-10% formalin buffered with sodium borate and stained with Rose Bengal, transferred to alcohol for storage.	NS	Samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		29	2	3	Note 4
Arthropoda	Malacostraca	Amphipoda	8	2	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	3	2	3	Note 4
Arthropoda	Ostracoda	NS	2	2	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Hollusca	Gastropoda		4	2	3	Note 4
Hollusca	Pelecypoda		5	2	3	Note 4
Priapulida	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0021

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/m^2	A 0.25 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		8	8	3	Note 4
Annelida	Polychaeta		355	12	3	Note 4
Arthropoda	Copepoda	Cyclopoida	4	4	3	Note 4
Arthropoda	Copepoda	Harpacticoida	3	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	151	12	3	Note 4
Arthropoda	Malacostraca	Cumacea	38	11	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	4	4	3	Note 4
Arthropoda	Malacostraca	Mysidacea	5	5	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	9	9	3	Note 4
Arthropoda	Ostracoda	NS	8	8	3	Note 4
Arthropoda	Pycnogonida	NA	6	6	3	Note 4
Chordata	Ascidiacea		9	9	3	Note 4
Cnidaria	Anthozoa		4	4	3	Note 4
Echinodermata	Echinoidea		1	1	3	Note 4
Echinodermata	Holothuroidea		7	7	3	Note 4
Echinodermata	Stelleroidea		13	7	3	Note 4
Echiura	NA		1	1	3	Note 4
Mollusca	Gastropoda		72	12	3	Note 4
Mollusca	Pelecypoda		127	12	3	Note 4
Nemertea	NS		12	12	3	Note 4
Porifera	NS		1	1	3	Note 4
Sipuncula	NA		12	12	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETEROLOGY (Continued)

81-0021 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	A 0.25 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	List of keys used specified, systematics according to Barnes (1980).	Reference collection available, specimens archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		8	8	3	
Annelida	Polychaeta		356	12	3	
Arthropoda	Cirripedia	Thoracica	2	2	3	
Arthropoda	Copepoda	Cyclopoida	4	4	3	
Arthropoda	Copepoda	Harpacticoida	3	3	3	
Arthropoda	Malacostraca	Amphipoda	152	12	3	
Arthropoda	Malacostraca	Cumacea	38	11	3	
Arthropoda	Malacostraca	Decapoda	1	1	3	
Arthropoda	Malacostraca	Isopoda	4	4	3	
Arthropoda	Malacostraca	Mysidacea	5	5	3	
Arthropoda	Malacostraca	Tanaidacea	9	9	3	
Arthropoda	Ostracoda	NS	8	8	3	
Arthropoda	Pycnogonida	NA	6	6	3	
Bryozoa	Gymnolaemata		12	7	3	
Bryozoa	Stenolaemata		2	2	3	
Chordata	Ascidiacea		9	9	3	
Cnidaria	Anthozoa		7	6	3	
Cnidaria	Hydrozoa		20	7	3	
Echinodermata	Echinoidea		1	1	3	
Echinodermata	Holothuroidea		9	9	3	
Echinodermata	Stelleroidea		13	7	3	
Echiura	NA		1	1	3	
Mollusca	Gastropoda		71	12	3	
Mollusca	Pelecypoda		127	12	3	
Nemata	NS		12	12	3	
Nemertea	NS		12	12	3	
Porifera	NS		1	1	3	
Sipuncula	NA		12	12	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

81-0021 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	A 0.25 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		103	12	3	Note 4
Arthropoda	Malacostraca	Amphipoda	44	12	3	Note 4
Arthropoda	Malacostraca	Cumacea	6	6	3	Note 4
Arthropoda	Malacostraca	Decapoda	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	1	1	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Chordata	Ascidiacea		6	6	3	Note 4
Cnidaria	Anthozoa		4	4	3	Note 4
Echinodermata	Echinoidea		1	1	3	Note 4
Echinodermata	Holothuroidea		7	7	3	Note 4
Echinodermata	Stelleroidea		7	7	3	Note 4
Mollusca	Gastropoda		44	12	3	Note 4
Mollusca	Pelecypoda		82	12	3	Note 4
Nemertea	NS		9	9	3	Note 4
Sipuncula	NA		5	5	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
none; b/w video	Benthic habitat was surveyed by diving biologists using SCUBA and a black and white video camera, diver observations were recorded on tape.	NA	Video footage was qualitatively examined.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		12	12	2	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
81-0021 (Cont'd.)	none; colour photographs	Still photography of macrobenthos and surficial sediments by diving biologists using SCUBA and a Nikonos II camera equipped with a 35 mm lens, clip-on macro lens, electronic flash and colour 35 mm film, exposure not specified.	NA	Photographs were qualitatively examined and some biota identified.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		12	12	2	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
none; samples	Hand collection by diving biologists using SCUBA.	Fixed with 10% formalin buffered with borax.	Samples not processed.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		1	1	2	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0093A

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Six grab hauls with a Birge-Ekman grab (0.0225 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		11	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	1	1	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		1	1	3	Note 4
Mollusca	Gastropoda		1	1	3	Note 4
Mollusca	Pelecypoda		5	1	3	Note 4
Nemata	NS		3	1	3	Note 4
Nemertea	NS		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Six grab hauls with a Birge-Ekman grab (0.0225 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	Samples resieved through 500 micron stainless steel mesh and identified.	Selected specimens verified by various recognized authorities. Selected specimens verified by various recognized authorities.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		11	1	3	
Arthropoda	Malacostraca	Amphipoda	1	1	3	
Arthropoda	Malacostraca	Isopoda	1	1	3	
Arthropoda	Malacostraca	Mysidacea	1	1	3	
Arthropoda	Malacostraca	Tanaidacea	1	1	3	
Cnidaria	Hydrozoa		1	1	3	
Echinodermata	Holothuroidea		1	1	3	
Echinodermata	Stelleroidea		1	1	3	
Mollusca	Gastropoda		5	1	3	
Mollusca	Pelecypoda		3	1	3	
Nemata	NS		1	1	3	
Nemertea	NS		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0093B

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Six grab hauls with a Birge-Ekman grab (0.0225 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		7	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	9	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	1	1	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		1	1	3	Note 4
Mollusca	Gastropoda		1	1	3	Note 4
Mollusca	Pelecypoda		1	1	3	Note 4
Nemertea	NS		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Six grab hauls with a Birge-Ekman grab (0.0225 m^2) were pooled and sieved through a 500 micron nylon screen.	Fixed with 10% saline buffered formalin.	Samples resieved through 500 micron stainless steel mesh and identified.	Selected specimens verified by various recognized authorities. Selected specimens verified by various recognized authorities.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		7	1	3	
Arthropoda	Copepoda	Calanoida	1	1	3	
Arthropoda	Malacostraca	Amphipoda	9	1	3	
Arthropoda	Malacostraca	Tanaidacea	1	1	3	
Arthropoda	Ostracoda	NS	1	1	3	
Cnidaria	Hydrozoa		1	1	3	
Echinodermata	Holothuroidea		1	1	3	
Echinodermata	Stelleroidea		1	1	3	
Mollusca	Gastropoda		1	1	3	
Mollusca	Pelecypoda		1	1	3	
Nemertea	NS		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
82-0094	enumeration; number/m^2	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alcohol stained with Rose Bengal for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	3	Note 4
Annelida	Polychaeta		119	4	3	Note 4
Arthropoda	Malacostraca	Amphipoda	60	4	3	Note 4
Arthropoda	Malacostraca	Cumacea	17	4	3	Note 4
Arthropoda	Malacostraca	Isopoda	11	4	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	4	4	3	Note 4
Arthropoda	Ostracoda	NS	2	2	3	Note 4
Chordata	Ascidiacea		4	4	3	Note 4
Cnidaria	Anthozoa		4	3	3	Note 4
Echinodermata	Stelleroidea		7	4	3	Note 4
Mollusca	Gastropoda		33	4	3	Note 4
Mollusca	Pelecypoda		43	4	3	Note 4
Nemertea	NS		3	3	3	Note 4
Sipuncula	NA		3	3	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0094 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alcohol stained with Rose Bengal for storage.	List of keys used specified.	Reference collection available, samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	3	
Annelida	Polychaeta		121	4	3	
Arthropoda	Malacostraca	Amphipoda	60	4	3	
Arthropoda	Malacostraca	Cumacea	17	4	3	
Arthropoda	Malacostraca	Isopoda	11	4	3	
Arthropoda	Malacostraca	Tanaidacea	4	4	3	
Arthropoda	Ostracoda	NS	3	3	3	
Bryozoa	Gymnolaemata		9	3	3	
Bryozoa	Stenolaemata		1	1	3	
Chordata	Ascidiacea		4	4	3	
Cnidaria	Anthozoa		6	4	3	
Cnidaria	Hydrozoa		7	2	3	
Echinodermata	Holothuroidea		1	1	3	
Echinodermata	Stelleroidea		7	4	3	
Mollusca	Gastropoda		33	4	3	
Mollusca	Pelecypoda		43	4	3	
Nemata	NS		4	4	3	
Nemertea	NS		3	3	3	
Porifera	Demospongiae		1	1	3	
Sipuncula	NA		3	3	3	
Unknown	NA		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0094 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; g/m^2	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alcohol stained with Rose Bengal for storage.	NS	NS	Original data sheets contain weights per sample, these are formalin dry weights, calculated biomasses have too many significant figures and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		38	4	3	Note 4
Arthropoda	Malacostraca	Amphipoda	29	4	3	Note 4
Arthropoda	Malacostraca	Cumacea	11	4	3	Note 4
Arthropoda	Malacostraca	Isopoda	3	2	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Chordata	Ascidiacea		2	2	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Mollusca	Gastropoda		16	4	3	Note 4
Mollusca	Pelecypoda		23	4	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0894 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin wet biomass; g/m^2	A 0.5 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% saline, buffered formalin and transferred to 70% isopropyl alcohol stained with Rose Bengal for storage.	NS	NS	Original data sheets contain weights per sample, these are formalin wet weights, calculated biomasses have too many significant figures and include values below the detection limit.

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	3	Note 4
Annelida	Polychaeta		119	4	3	Note 4
Arthropoda	Malacostraca	Amphipoda	60	4	3	Note 4
Arthropoda	Malacostraca	Cumacea	17	4	3	Note 4
Arthropoda	Malacostraca	Isopoda	11	4	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	4	4	3	Note 4
Arthropoda	Ostracoda	NS	2	2	3	Note 4
Chordata	Ascidiacea		4	4	3	Note 4
Cnidaria	Anthozoa		6	4	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		7	4	3	Note 4
Mollusca	Gastropoda		33	4	3	Note 4
Mollusca	Pelecypoda		43	4	3	Note 4
Nemertea	NS		3	3	3	Note 4
Sipuncula	NA		3	3	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0095

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
enumeration; number/sample	Grab lowered to within 1m of bottom and allowed to free fall, volume and penetration not recorded, samples with > 50% washout rejected hand sieved with 500 micron rectangular sieve.	Fixed and preserved in 10% formalin, analysis within 1 month of collection.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		20	5	3	Note 4
Arthropoda	Cirripedia	NS	2	2	3	Note 4
Arthropoda	Copepoda	Calanoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	5	3	3	Note 4
Arthropoda	Malacostraca	Cumacea	3	3	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Mollusca	Pelecypoda		14	3	3	Note 4
Nemertea	Anopla		3	3	3	Note 4
Priapulida	NA		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
identification; species	Grab lowered to within 1m of bottom and allowed to free fall, volume and penetration not recorded, samples with > 50% washout rejected hand sieved with 500 micron rectangular sieve.	Fixed and preserved in 10% formalin, analysis within 1 month of collection.	Identifications by Dr. Charles J. Low, Nanaimo (list of keys used available), sketches of organisms retained, Amphipods identified by E. Bousfield (NMS).	Sketches of organisms available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		20	5	3	Note 4
Arthropoda	Cirripedia	NS	2	2	3	Note 4
Arthropoda	Copepoda	Calanoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	5	3	3	Note 4
Arthropoda	Malacostraca	Cumacea	3	3	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Mollusca	Pelecypoda		14	3	3	Note 4
Nemertea	Anopla		3	3	3	Note 4
Priapulida	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0097	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Grab taken measured subsamples removed, remaining volume measured and fixed in 10% buffered formalin until sieved, hand sieved through 500 micron mesh, time between collection and sieving not specified.	Fixed in 5-10% sodium borate buffered formalin with Rose Bengal, transferred to 70% isopropanol for storage.	Fragments counted but identified as such.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	3	Note 4
Annelida	Polychaeta		189	16	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	56	16	3	Note 4
Arthropoda	Malacostraca	Cumacea	7	7	3	Note 4
Arthropoda	Malacostraca	Isopoda	13	10	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	8	8	3	Note 4
Arthropoda	Ostracoda	Podocopina	11	11	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Echinoidea		1	1	3	Note 4
Echinodermata	Holothuroidea		8	8	3	Note 4
Echinodermata	Stelleroidea		6	5	3	Note 4
Echiura	NA		1	1	3	Note 4
Mollusca	Gastropoda		57	14	3	Note 4
Mollusca	Pelecypoda		43	15	3	Note 4
Nemata	NS		1	1	3	Note 4
Nemertea	NS		10	10	3	Note 4
Priapulida	NA		4	3	3	Note 4
Sipuncula	NA		11	11	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0097 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Grab taken measured subsamples removed, remaining volume measured and fixed in 10% buffered formalin until sieved, hand sieved through 500 micron mesh, time between collection and sieving not specified.	Fixed in 5-10% sodium borate buffered formalin with Rose Bengal, transferred to 70% isopropanol for storage.	List of keys used available.	Blind replicate analyses performed. Reference collection available, samples archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	3	
Annelida	Polychaeta		189	16	3	
Arthropoda	Cirripedia	Thoracica	1	1	3	
Arthropoda	Malacostraca	Amphipoda	56	16	3	
Arthropoda	Malacostraca	Cumacea	7	7	3	
Arthropoda	Malacostraca	Isopoda	13	10	3	
Arthropoda	Malacostraca	Mysidacea	2	2	3	
Arthropoda	Malacostraca	Tanaidacea	8	8	3	
Arthropoda	Ostracoda	Podocopina	11	11	3	
Bryozoa	Gymnolaemata		15	10	3	
Chordata	Ascidiacea		1	1	3	
Cnidaria	Anthozoa		1	1	3	
Cnidaria	Hydrozoa		2	2	3	
Echinodermata	Echinoidea		1	1	3	
Echinodermata	Holothuroidea		0	0	3	
Echinodermata	Stelleroidea		6	5	3	
Echiura	NA		1	1	3	
Mollusca	Gastropoda		57	14	3	
Mollusca	Pelecypoda		43	15	3	
Nemata	NS		12	12	3	
Nemertea	NS		11	11	3	
Priapulida	NA		4	3	3	
Sipuncula	NA		11	11	3	
Unknown	NA		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0097 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin dry biomass; g/m^2	Grab taken measured subsamples removed, remaining volume measured and fixed in 10% buffered formalin until sieved, hand sieved through 500 micron mesh, time between collection and sieving not specified.	Fixed in 5-10% sodium borate buffered formalin with Rose Bengal, transferred to 70% isopropanol for storage.	Molluscs decalcified in 10% formic acid/5% formalin before drying.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		79	16	3	Note 4
Arthropoda	Malacostraca	Amphipoda	30	14	3	Note 4
Arthropoda	Malacostraca	Cumacea	2	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	12	9	3	Note 4
Mollusca	Gastropoda		32	14	3	Note 4
Mollusca	Pelecypoda		31	15	3	Note 4
Nemata	NS		9	9	3	Note 4
Nemertea	NS		9	9	3	Note 4
Priapulida	NA		1	1	3	Note 4
Sipuncula	NA		1	1	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0097 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	formalin wet biomass; g/m^2	Grab taken measured subsamples removed, remaining volume measured and fixed in 10% buffered formalin until sieved, hand sieved through 500 micron mesh, time between collection and sieving not specified.	Fixed in 5-10% sodium borate buffered formalin with Rose Bengal, transferred to 70% isopropanol for storage.	Fragments weighed but identified as such.	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		4	4	3	Note 4
Annelida	Polychaeta		189	16	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	56	16	3	Note 4
Arthropoda	Malacostraca	Cumacea	7	7	3	Note 4
Arthropoda	Malacostraca	Isopoda	13	10	3	Note 4
Arthropoda	Malacostraca	Mysidacea	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	8	8	3	Note 4
Arthropoda	Ostracoda	Podocopina	11	11	3	Note 4
Bryozoa	Gymnolaemata		2	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Echinoidea		1	1	3	Note 4
Echinodermata	Holothuroidea		8	8	3	Note 4
Echinodermata	Stelleroidea		6	5	3	Note 4
Echiura	NA		1	1	3	Note 4
Mollusca	Gastropoda		57	14	3	Note 4
Mollusca	Pelecypoda		43	15	3	Note 4
Nemata	NS		12	12	3	Note 4
Nemertea	NS		11	11	3	Note 4
Priapulida	NA		4	3	3	Note 4
Sipuncula	NA		11	11	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0097 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	none; colour video	Benthic habitat was surveyed by diving biologists using SCUBA and a subsea colour video camera, diver observations were recorded on tape.	NA	Video footage was qualitatively examined.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		0	0	2	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
none; colour photographs	Still photography of macrobenthos and surficial sediments by diving biologists using SCUBA and a Nikonos II camera with 35 mm lens, close up attachments and 35 mm colour film, film and exposure not specified.	NA	Photographs were qualitatively examined and some biota identified.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		0	0	2	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

82-0098	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/sample	3-5 grab hauls with a tall weighted Ekman grab (0.0225 m^2) (Burton and Flannagan, 1973) were collected at each station, volume retained and depth of penetration were not recorded, sieved through 500 micron Nitex mesh.	Fixed with 5-10% saline buffered formalin stained with Rose Bengal, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		62	62	2:2,6,8	
Annelida	Polychaeta		95	95	2:2,6,8	
Arthropoda	Copepoda	NS	61	61	2:2,6,8	
Arthropoda	Malacostraca	Amphipoda	91	91	2:2,6,8	
Arthropoda	Malacostraca	Cumacea	59	59	2:2,6,8	
Arthropoda	Malacostraca	Isopoda	62	62	2:2,6,8	
Arthropoda	Malacostraca	Mysidacea	19	19	2:2,6,8	
Arthropoda	Ostracoda	NS	13	13	2:2,6,8	
Bryozoa	NS		17	17	2:2,6,8	
Chordata	Ascidiacea		1	1	2:2,6,8	
Chordata	NS		8	8	2:2,6,8	
Cnidaria	Hydrozoa		2	2	2:2,6,8	
Mollusca	Gastropoda		6	6	2:2,6,8	
Mollusca	Pelecypoda		86	86	2:2,6,8	
Nemata	NS		35	35	2:2,6,8	
Nemertea	NS		41	41	2:2,6,8	
Priapulida	NA		52	52	2:2,6,8	
Unknown	NA		14	14	2:2,6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
82-0098 (Cont'd.)	identification; order	3-5 grab hauls with a tall weighted Ekman grab (0.0225 m^2) (Burton and Flannagan, 1973) were collected at each station, volume retained and depth of penetration were not recorded, sieved through 500 micron Nitex mesh.	Fixed with 5-10% saline buffered formalin stained with Rose Bengal, transferred to 70% ethanol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		62	62	2:6,8	
Annelida	Polychaeta		95	95	2:6,8	
Arthropoda	Copepoda	NS	61	61	2:6,8	
Arthropoda	Malacostraca	Amphipoda	91	91	2:6,8	
Arthropoda	Malacostraca	Cumacea	59	59	2:6,8	
Arthropoda	Malacostraca	Isopoda	62	62	2:6,8	
Arthropoda	Malacostraca	Mysidacea	19	19	2:6,8	
Arthropoda	Ostracoda	NS	13	13	2:6,8	
Bryozoa	NS		17	17	2:6,8	
Chordata	Ascidiacea		1	1	2:6,8	
Chordata	NS		8	8	2:6,8	
Cnidaria	Hydrozoa		2	2	2:6,8	
Mollusca	Gastropoda		6	6	2:6,8	
Mollusca	Pelecypoda		86	86	2:6,8	
Nemata	NS		35	35	2:6,8	
Nemertea	NS		41	41	2:6,8	
Priapulida	NA		52	52	2:6,8	
Unknown	NA		14	14	2:6,8	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

83-0046	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Grab hauls collected with a 0.055 m^2 Ponar grab, subsamples removed, sieved through 500 micron mesh.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		35	1	3	Note 4
Arthropoda	Copepoda	Cyclopoida	1	1	3	Note 4
Arthropoda	Copepoda	Harpacticoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	17	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	1	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	1	1	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Bryozoa	Gymnolaemata		1	1	3	Note 4
Echinodermata	Stelleroidea		1	1	3	Note 4
Mollusca	Gastropoda		1	1	3	Note 4
Mollusca	Pelecypoda		6	1	3	Note 4
Nemertea	NS		14	1	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
83-0046 (Cont'd.)	enumeration; number/m^2	A 0.25 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	3	Note 4
Annelida	Polychaeta		75	3	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Copepoda	Cyclopoida	2	2	3	Note 4
Arthropoda	Copepoda	Harpacticoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	44	3	3	Note 4
Arthropoda	Malacostraca	Cumacea	9	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	1	1	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	2	2	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Arthropoda	Pycnogonida	NA	1	1	3	Note 4
Bryozoa	Gymnolaemata		2	2	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Stelleroidea		1	1	3	Note 4
Mollusca	Gastropoda		9	2	3	Note 4
Mollusca	Pelecypoda		18	2	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

83-0046 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	enumeration; number/m^2	Grab hauls collected with a 0.1 m^2 Van Veen grab, subsamples removed, sieved through 500 micron mesh.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		39	1	3	Note 4
Arthropoda	Copepoda	Cyclopoida	1	1	3	Note 4
Arthropoda	Copepoda	Harpacticoida	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	25	2	3	Note 4
Arthropoda	Malacostraca	Cumacea	7	2	3	Note 4
Arthropoda	Malacostraca	Isopoda	2	2	3	Note 4
Arthropoda	Malacostraca	Tanaidacea	2	2	3	Note 4
Arthropoda	Ostracoda	NS	2	2	3	Note 4
Bryozoa	Gymnolaemata		2	2	3	Note 4
Chordata	Ascidiacea		2	2	3	Note 4
Cnidaria	Anthozoa		1	1	3	Note 4
Echinodermata	Holothuroidea		1	1	3	Note 4
Echinodermata	Stelleroidea		2	2	3	Note 4
Mollusca	Gastropoda		16	2	3	Note 4
Mollusca	Pelecypoda		22	2	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		2	2	3	Note 4
Unknown	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

83-0046 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	A 0.25 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	List of keys used specified, systematics according to Barnes (1980).	Reference collection available, specimens archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		3	3	3	
Annelida	Polychaeta		77	3	3	
Arthropoda	Cirripedia	Thoracica	1	1	3	
Arthropoda	Copepoda	Cyclopoida	2	2	3	
Arthropoda	Copepoda	Harpacticoida	1	1	3	
Arthropoda	Malacostraca	Amphipoda	44	3	3	
Arthropoda	Malacostraca	Cumacea	9	2	3	
Arthropoda	Malacostraca	Isopoda	1	1	3	
Arthropoda	Malacostraca	Mysidacea	1	1	3	
Arthropoda	Malacostraca	Tanaidacea	2	2	3	
Arthropoda	Ostracoda	NS	1	1	3	
Arthropoda	Pycnogonida	NA	1	1	3	
Bryozoa	Gymnolaemata		3	2	3	
Cnidaria	Anthozoa		1	1	3	
Cnidaria	Hydrozoa		2	1	3	
Echinodermata	Stelleroidea		1	1	3	
Mollusca	Gastropoda		9	2	3	
Mollusca	Pelecypoda		18	2	3	
Nemata	NS		3	3	3	
Nemertea	NS		2	2	3	
Sipuncula	NA		2	2	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

83-0046 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Grab hauls collected with a 0.055 m^2 Ponar grab, subsamples removed, sieved through 500 micron mesh.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	List of keys used specified, systematics according to Barnes (1980).	Reference collection available, specimens archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	
Annelida	Polychaeta		35	1	3	
Arthropoda	Copepoda	Cyclopoida	1	1	3	
Arthropoda	Copepoda	Harpacticoida	1	1	3	
Arthropoda	Malacostraca	Amphipoda	17	1	3	
Arthropoda	Malacostraca	Cumacea	4	1	3	
Arthropoda	Malacostraca	Mysidacea	1	1	3	
Arthropoda	Malacostraca	Tanaidacea	1	1	3	
Arthropoda	Ostracoda	NS	1	1	3	
Arthropoda	Pycnogonida	NA	1	1	3	
Bryozoa	Gymnolaemata		2	1	3	
Cnidaria	Hydrozoa		1	1	3	
Echinodermata	Stelleroidea		1	1	3	
Mollusca	Gastropoda		6	1	3	
Mollusca	Pelecypoda		14	1	3	
Nemata	NS		1	1	3	
Nemertea	NS		1	1	3	
Sipuncula	NA		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

83-0046 (Cont'd.)	MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
	identification; species	Grab hauls collected with a 0.1 m² Van Veen grab, subsamples removed, sieved through 500 micron mesh.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	List of keys used specified, systematics according to Barnes (1980).	Reference collection available, specimens archived and available for reexamination.	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	
Annelida	Polychaeta		39	1	3	
Arthropoda	Copepoda	Cyclopoida	1	1	3	
Arthropoda	Copepoda	Harpacticoida	1	1	3	
Arthropoda	Malacostraca	Amphipoda	25	2	3	
Arthropoda	Malacostraca	Cumacea	7	2	3	
Arthropoda	Malacostraca	Isopoda	2	2	3	
Arthropoda	Malacostraca	Tanaidacea	2	2	3	
Arthropoda	Ostracoda	NS	2	2	3	
Bryozoa	Gymnolaemata		5	2	3	
Chordata	Ascidiacea		2	2	3	
Cnidaria	Anthozoa		1	1	3	
Cnidaria	Hydrozoa		3	2	3	
Echinodermata	Holothuroidea		1	1	3	
Echinodermata	Stelleroidea		2	2	3	
Mollusca	Gastropoda		16	2	3	
Mollusca	Pelecypoda		22	2	3	
Nemata	NS		1	1	3	
Nemertea	NS		2	2	3	
Sipuncula	NA		2	2	3	
Unknown	NA		1	1	3	

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

83-0046 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin dry biomass; g/m^2	Grab hauls collected with a 0.1 m^2 Van Veen grab, subsamples removed, sieved through 500 micron mesh.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		17	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	12	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	2	3	Note 4
Mollusca	Gastropoda		7	2	3	Note 4
Mollusca	Pelecypoda		15	2	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		2	2	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin dry biomass; g/m^2	A 0.25 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		30	3	3	Note 4
Arthropoda	Malacostraca	Amphipoda	23	3	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	2	3	Note 4
Mollusca	Gastropoda		5	2	3	Note 4
Mollusca	Pelecypoda		11	2	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		2	2	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

83-0046 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin dry biomass; g/m^2	Grab hauls collected with a 0.055 m^2 Ponar grab, subsamples removed, sieved through 500 micron mesh.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		16	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	9	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Mollusca	Gastropoda		4	1	3	Note 4
Mollusca	Pelecypoda		8	1	3	Note 4
Sipuncula	NA		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	Grab hauls collected with a 0.1 m^2 Van Veen grab, subsamples removed, sieved through 500 micron mesh.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		1	1	3	Note 4
Annelida	Polychaeta		24	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	15	2	3	Note 4
Arthropoda	Malacostraca	Cumacea	4	2	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Chordata	Ascidiacea		1	1	3	Note 4
Mollusca	Gastropoda		14	2	3	Note 4
Mollusca	Pelecypoda		15	2	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		2	2	3	Note 4

83-0046 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	A 0.25 m^2 quadrat was sampled with an airlift sampler by diving biologists using SCUBA. A 1 mm mesh net retained the samples, depth of penetration was not specified.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Oligochaeta		2	2	3	Note 4
Annelida	Polychaeta		29	3	3	Note 4
Arthropoda	Cirripedia	Thoracica	1	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	26	3	3	Note 4
Arthropoda	Malacostraca	Cumacea	5	2	3	Note 4
Mollusca	Gastropoda		5	2	3	Note 4
Mollusca	Pelecypoda		13	2	3	Note 4
Nemertea	NS		2	2	3	Note 4
Sipuncula	NA		1	1	3	Note 4

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
formalin wet biomass; g/m^2	Grab hauls collected with a 0.055 m^2 Ponar grab, subsamples removed, sieved through 500 micron mesh.	Fixed with 10% formalin buffered with sodium borate stained with Rose Bengal, transferred to 70% isopropyl alcohol for storage.	NS	NS	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Annelida	Polychaeta		20	1	3	Note 4
Arthropoda	Malacostraca	Amphipoda	10	1	3	Note 4
Arthropoda	Malacostraca	Cumacea	1	1	3	Note 4
Arthropoda	Malacostraca	Mysidacea	1	1	3	Note 4
Arthropoda	Ostracoda	NS	1	1	3	Note 4
Mollusca	Gastropoda		5	1	3	Note 4
Mollusca	Pelecypoda		10	1	3	Note 4
Sipuncula	NA		1	1	3	Note 4

TABLE 2. LISTING OF DATA BY PARAMETER (Continued)

83-0046 (Cont'd.)

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
none; b/w video	Benthic habitat was surveyed by diving biologists using SCUBA and a black and white video camera, diver observations were recorded on tape.	NA	Video footage was qualitatively examined.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		2	2	2	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
none; colour photographs	Still photography of macrobenthos and surficial sediments by diving biologists using SCUBA and a Nikonos II camera equipped with a 35 mm lens, clip-on macro lens, electronic flash and colour 35 mm film, exposure not specified.	NA	Photographs were qualitatively examined and some biota identified.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
Arthropoda	Cirripedia	Thoracica	1	1	2	
Arthropoda	Malacostraca	Amphipoda	1	1	2	
Arthropoda	Malacostraca	Decapoda	1	1	2	
Bryozoa	NS		1	1	2	
Cnidaria	Anthozoa		1	1	2	
Cnidaria	Hydrozoa		1	1	2	
Mollusca	Gastropoda		3	2	2	

MEASUREMENT; UNITS	COLLECTION	FIXATION AND PRESERVATION	ANALYSIS	PRECISION AND ACCURACY	REMARKS
none; samples	Hand collection by diving biologists using SCUBA.	Fixed with 10% formalin buffered with borax.	Samples not processed.	NA	

PHYLA	CLASS	ORDER	NO. TAXA	NO. STATIONS	RATING	NOTES
NS	NS		1	1	2	

10. DATA INVENTORY TABLE 3: LISTING MEASUREMENT LOCATIONS

An outline of the organization of the data inventory tables and instructions for use of the catalogue are found in Section 5.

TABLE 3 LEGEND

Data Set I.D.	- identifies a unique data collection and allows cross-referencing to other tables in this catalogue and to catalogues for other disciplines.
Station I.D.	- lists the station designation as found in the original data record/report; abbreviations have been used where required.
Date(s)	- lists the date(s) of sampling (start-stop).
Latitude	- latitude of sampling station (°N), estimated where required.
Longitude	- longitude of sampling station (°W), estimated where required.
Depth	- lists the sampling depth in meters as reported in the original data record/report (usually the station depth), ranges are given for tows and composite samples.
Gear I.D.	- describes the equipment used for sample collection; abbreviations used are described on the following page.
Time	- gives the time of sampling (GMT) if reported.
No. Reps.	- gives the number of samples that were collected at a station with a specific gear type; where several grab hauls were pooled to make a single sample No. Reps. = 1.
Substrate	- gives the bottom substrate according to the Wentworth Classification. Entries in quotes are as given in original documentation and may not be conform to the Wentworth Classification scheme.
Remarks	- provides information specific to individual stations.

LIST OF ABBREVIATIONS USED IN TABLE 3

Entries in quotation marks below appear as found in source documents and are of dubious accuracy. The descriptions following such entries presented here were taken from Hunter and Leech (1983), and were frequently not defined in the source documents.

Abbreviation	Description
"Dredge"	Bottom dredge - not otherwise specified (Hunter and Leech, 1983).
"Longline"	Long line with multiple hooks - not otherwise specified (Hunter and Leech, 1983).
"OTrawl"	Otter trawl (11, 8.5 and 3 m head rope) - not otherwise specified (Hunter and Leech, 1983).
"Pl. Net"	Plankton net (various sizes) - not otherwise specified (Hunter and Leech, 1983).
"Seine"	Beach seine - not otherwise specified (Hunter and Leech, 1983).
ABSDredge	Arctic Biological Station dredge - a metal frame with 1 m wide X 2 m long net, 5 mm mesh.
Airlift 1	Modified airlift suction dredge (Brett 1964), 1 mm mesh, 0.5 m^2 quadrat size.
Airlift 2	Modified airlift suction dredge (Brett 1964), 1 mm mesh, 0.25 m^2 quadrat size.
B-Ekm/500	Birge-Ekman grab (0.0225 m^2), Kahlsico - 500 micron sieve.
BTrawl	Beam trawl (2.5 m X 1.6 m opening), 6.4 mm to 5.1 mm (stretched) mesh, 7.4 long.
BTrawl2	Beam trawl, 8.2 m long, 6.35 mm cod end.
Dredge/NOS	Dredge - not otherwise specified
ETrawl	Epibenthic trawl (1/2 m^2 mouth), mesh not specified, with Tsuruni-Seiki (Model 10-1971) flowmeter.
ETrawl2	40 cm X 40 cm opening Epibenthic trawl, 1 mm mesh.
Ekm/425	(0.0225 m^2) Ekman grab - 425 micron sieve.
Ekm/500	Ekman grab, not otherwise specified - 500 micron sieve.

Abbreviation	Description
Grab/200	(0.0529 m^2) handle mounted Ekman, Tall weighted Ekman (0.0225 m^2) or (0.0529 m^2) Ponar grab - 200 micron sieve.
Grab/500	Grab sampler, not otherwise specified - 500 micron sieve.
Hand	Hand collection by divers using SCUBA.
MVV/500	Modified Van Veen grab (0.1 m^2) - Kahlsico No. 214WA265 - 500 micron sieve.
MVV2/500	Modified Van Veen grab (0.13 m^2) - 500 micron sieve.
Mixed/500	A 0.065 m^2 "Petterson" grab (Foerst, Chicago) or a Wildco Petersen grab (0.09 m^2) - 500 micron sieve.
NA	Not applicable
NS	Not specified
OTrawl	Otter trawl - not otherwise specified.
OTrawl3	Otter trawl - 5.8 m throat, 3.8 cm mesh body with 23 m bridle used without a cod end liner.
OTrawl4	Otter trawl - 7.6 m wide, 32 mm mesh in wings, 13 mm mesh cod-end.
OTrawl5	Otter trawl ("balloon trawl") - 6.5 m wide, 38 mm mesh in wings, 20 mm mesh in cod-end.
PD/500	23 cm x 23 cm Ponar dredge (0.0524 m^2) - 500 micron sieve.
PED/500	Peterson dredge (0.13 m^2) - 500 micron sieve.
PG/450	Ponar grab (0.0528 m^2), 3 to 7 cm penetration - 450 micron sieve.
PG/470	Ponar grab (0.05 m^2) - 470 micron sieve.
PG/500	Ponar grab (0.055 m^2) - Kahlsico No. 214WA010 - 500 micron sieve.
PG2/500	Ponar grab (0.05 m^2), 5-10 cm penetration - 500 micron sieve.
PeG/847	(0.09 m^2) Peterson grab - 847 micron sieve.

Abbreviation	Description
PtG/500	Petterson dredge (Foerst, Chicago) 5 L volume, 0.065 m^2 - 500 micron sieve.
Quadrat/847	1/16 m^2 quadrat sampled with shovel - 847 micron sieve.
Seine	Beach seine - not otherwise specified.
Sled	Epibenthic sled, 1/2 m^2 mouth, 15 cm off bottom, three mesh sizes: 12.7 mm, 6.4 mm, 3.2 mm cod end.
SmMac/500	Smith-McIntyre grab (0.1 m^2) - 500 micron sieve.
TBEkm/200	Tall weighted Ekman (Burton and Flannagan, 1973) - 200 micron sieve.
TBEkm/500	Tall brass ekman grab (0.023 m^2), weighted (Burton and Flannagan, 1973) - 500 micron sieve.
TEKm/500	Tall Ekman grab (0.0225 m^2) - 500 micron sieve.
UW Still 1	Nikonos II camera with 35mm lens and close-up attachments.
UW Still 2	Nikonos III camera with 35 mm colour film, lens not specified.
UW Video 1	Video recordings with a Sub Sea colour camera.
UW Video 2	Video recordings (Beta) with Hydro Products TC-125 black and white video camera and Sony recorder.
VV/500	Van Veen grab (0.13 m^2) - 500 micron sieve.
VV2/500	Van Veen grab (0.1 m^2) - 500 micron sieve.
VV3/500	Van Veen grab (0.055 m^2) - 500 micron sieve.
WPE/500	Wildco Petersen grab (0.09 m^2), 9.7 L - 500 micron sieve.
WPG/NS	Wildco Ponar grab (0.0529 m^2), Model 1725 - sieve size not specified.

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
51-0002	B4	25/08/51	71° 52.00'	125° 19.00'	110	NS	NS	NS	NS	
	NE Parry Pen	NS/09/51	70° 12.00'	124° 33.00'	2.4-5.5	NS	NS	NS	NS	* estimated position
	NS	NS/08/51	69° 35.00'	136° 10.00'	NS	NS	NS	NS	NS	* estimated position
	NS	NS/08/51	70° 15.00'	124° 30.00'	2-5	NS	NS	NS	NS	* estimated position
52-0001	NS	NS/NS/52	69° 35.00'	136° 10.00'	55	NS	NS	NS	NS	Coordinates given do not match any station positions listed in Cameron (1953) and the depth given is an order of magnitude off that given in charts.
54-0003	CPA	NS/09/54	74° 19.00'	125° 08.00'	35	NS	NS	NS	NS	* estimated position
	CPA	NS/08/54	74° 19.00'	125° 07.00'	50	NS	NS	NS	NS	* estimated position
	CPA	NS/08/54	74° 19.00'	125° 08.00'	200	NS	NS	NS	NS	* estimated position
	Gore Is.	NS/08/54	74° 20.00'	125° 00.00'	50	NS	NS	NS	NS	* estimated position
	PWS	NS/09/54	71° 58.00'	119° 08.00'	50	NS	NS	NS	NS	* estimated position
	PWS	NS/09/54	71° 58.00'	119° 07.00'	55	NS	NS	NS	NS	* estimated position
	PWS	NS/09/54	71° 58.00'	119° 07.00'	25	NS	NS	NS	NS	* estimated position
	W Norway Is.	NS/09/54	73° 48.00'	124° 53.00'	30	NS	NS	NS	NS	* estimated position
55-0009	739	27/08/55	69° 32.00'	131° 19.00'	18	Dredge/NOS	NS	NS	"mud"	
60-0003	60-1001	26/07/60	69° 32.50'	138° 55.00'	12-37	"OTrawl"	NS	NS	"mud"	
	60-1004	01/08/60	69° 34.30'	138° 54.00'	NS	"Seine"	NS	NS	NS	* estimated position
	60-1007	01/08/60	69° 33.10'	138° 55.00'	11	"OTrawl"	NS	NS	NS	* estimated position
	60-1008	01/08/60	69° 33.80'	138° 55.00'	5-11	NS	NS	NS	"mud"	
	60-1009	02/08/60	69° 31.00'	138° 50.00'	18-28	"OTrawl"	NS	NS	"mud"	* estimated position
	60-1009	02/08/60	69° 31.00'	138° 50.00'	18-27	NS	NS	NS	"mud"	
	60-1010	03/08/60	69° 31.20'	139° 04.05'	6-9	"OTrawl"	NS	NS	NS	* estimated position
	60-1011	04/08/60	69° 34.20'	138° 54.30'	2-4	NS	NS	NS	"mud"	
	60-1012	05/08/60	69° 34.00'	138° 54.00'	4	NS	NS	NS	"mud"	
	60-1013	06/08/60	69° 38.00'	138° 35.00'	137	"OTrawl"	NS	NS	NS	* estimated position
	60-1013	06/08/60	69° 38.00'	138° 35.00'	92-137	NS	NS	NS	"sand"	
	60-1016	06/08/60	69° 37.00'	139° 57.00'	9-13	"OTrawl"	NS	NS	NS	* estimated position
	60-1025	14/08/60	69° 33.00'	138° 55.00'	3.5	"OTrawl"	NS	NS	"mud, debris"	
	60-1031	19/08/60	69° 32.00'	138° 50.00'	14	"Pl. Net"	NS	NS	NS	* estimated position
	60-1035	25/08/60	69° 32.00'	138° 57.00'	22-44	OTrawl	NS	NS	"mud"	
	60-1035	25/08/60	69° 32.00'	138° 57.00'	22-24	"OTrawl"	NS	NS	NS	* estimated position
	60-1036	25/08/60	69° 32.00'	138° 57.00'	37-38	"OTrawl"	NS	NS	NS	* estimated position
	60-1036	25/08/60	69° 32.00'	138° 57.00'	22-44	NS	NS	NS	"mud"	
	60-1039	26/08/60	69° 34.60'	138° 57.40'	4	NS	NS	NS	"mud"	
	Herschel I	26/07/60-26/08/60	69° 34.00'	138° 57.00'	NS	NS	NS	NS	NS	
	S Herschel Is.	11/08/60	69° 33.50'	138° 57.00'	4-6	NS	NS	NS	NS	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
61-0001	61-1012	09/07/61	69° 56.00'	128° 53.00'	1-2	NS	NS	NS	"sand"	
	61-1014	10/07/61	70° 02.00'	128° 42.00'	9	NS	NS	NS	"sand"	
	61-1015	10/07/61	70° 11.00'	128° 35.00'	11	OTrawl	NS	NS	"mud, sand"	
	61-1015	10/07/61	70° 11.00'	128° 35.00'	12	"OTrawl"	NS	NS	"mud, sand"	
	61-1017	11/07/61	70° 23.60'	128° 49.00'	13	"OTrawl"	NS	NS	NS	* estimated position
	61-1021	12/07/61	69° 56.00'	129° 37.00'	11	NS	NS	NS	"mud, sand"	
	61-1026	15/07/61	69° 35.50'	131° 02.00'	55	NS	NS	NS	"sand, rock"	
	61-1032	18/07/61	69° 35.50'	131° 10.00'	30	NS	NS	NS	"sand"	
	61-1053	01/08/61-03/08/61	69° 27.50'	131° 45.00'	9	NS	NS	NS	"sand"	
	61-1082	19/08/61	70° 13.00'	132° 36.00'	29-33	"OTrawl"	NS	NS	NS	* estimated position
	61-1089	23/08/61	69° 25.60'	132° 59.10'	9-20	NS	NS	NS	"mud"	
	61-1093	26/08/61	69° 50.00'	133° 02.00'	14	"OTrawl"	NS	NS	NS	* estimated position
62-0001	62-001/B-15	14/07/62	69° 49.30'	130° 19.00'	2-12	NS	NS	NS	"sand, mud"	
	62-002	14/07/62	69° 49.30'	130° 19.00'	NS	NS	NS	NS	NS	
	62-006	21/07/62-24/07/62	69° 49.30'	130° 19.00'	2-18	NS	NS	NS	"sand, mud"	
	62-008	24/07/62	69° 49.30'	130° 19.00'	5-15	NS	NS	NS	"sand, mud, rock"	
	62-009/B-27	25/07/62	69° 48.00'	130° 13.00'	9	NS	NS	NS	"hard sand"	
	62-032	12/08/62	69° 48.00'	130° 19.00'	10	NS	NS	NS	"mud, sand"	
	62-033	12/08/62	69° 45.80'	129° 08.00'	18-27	"OTrawl"	NS	NS	NS	* estimated position
	62-038	17/08/62	70° 31.00'	128° 19.00'	0-2	"Seine"	NS	NS	NS	* estimated position
	62-039	17/08/62	70° 31.00'	128° 19.00'	0-5	Seine	NS	NS	"mud, gravel"	
	62-039	17/08/62	70° 31.00'	128° 19.00'	0	"Seine"	NS	NS	NS	* estimated position
	62-042	21/08/62	70° 11.40'	127° 03.00'	68	"OTrawl"	NS	NS	NS	* estimated position
	62-043	21/08/62	70° 06.60'	125° 43.00'	109	"OTrawl"	NS	NS	NS	* estimated position
	62-048	29/08/62	70° 07.00'	124° 39.00'	13-15	"Dredge"	NS	NS	NS	* estimated position
	62-049	29/08/62	70° 07.00'	124° 39.00'	14	NS	NS	NS	"rock"	
	62-1107	26/07/62	72° 53.00'	118° 01.00'	16	OTrawl	NS	NS	"mud"	
63-0001	63-001	19/07/63	70° 09.02'	124° 40.02'	1-9	"Seine"	NS	NS	NS	* estimated position
	63-003	19/07/63	70° 09.70'	124° 30.80'	16	"OTrawl"	NS	NS	NS	* estimated position
	63-004	24/07/63	70° 06.20'	125° 09.00'	30	"OTrawl"	NS	NS	NS	* estimated position
	63-005	25/07/63	70° 02.50'	125° 26.00'	95	"OTrawl"	NS	NS	NS	* estimated position
	63-006	25/07/63	70° 02.90'	126° 00.00'	178	"OTrawl"	NS	NS	NS	* estimated position
	63-007	31/07/63	69° 23.50'	125° 40.50'	0-11	NS	NS	NS	"mud"	Station information does not match with any given in Hunter & Leach (1973).
	63-007	31/07/63	69° 22.90'	125° 40.50'	18	"OTrawl"	NS	NS	NS	* estimated position
	63-008	01/08/63	69° 25.60'	125° 48.50'	20	"OTrawl"	NS	NS	NS	* estimated position
	63-009	01/08/63	69° 39.30'	125° 35.10'	13	OTrawl	NS	NS	NS	
	63-009	01/08/63	69° 39.30'	125° 35.10'	14	"OTrawl"	NS	NS	NS	* estimated position
	63-010	01/08/63	70° 02.10'	125° 22.30'	40-49	"OTrawl"	NS	NS	NS	* estimated position
	63-011	03/08/63	70° 05.80'	126° 02.50'	180	"OTrawl"	NS	NS	NS	* estimated position
	63-012	04/08/63	70° 03.90'	125° 28.50'	80	"OTrawl"	NS	NS	NS	* estimated position
	63-013	04/08/63	70° 10.60'	124° 47.00'	19	"OTrawl"	NS	NS	NS	* estimated position
	63-014	03/08/63	70° 17.90'	123° 55.00'	180	"OTrawl"	NS	NS	NS	* estimated position

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63-0001	63-015	08/08/63	70° 11.40'	124° 16.70'	64	"OTrawl"	NS	NS	NS	* estimated position
(Cont'd.)	63-017	07/08/63	70° 11.00'	124° 16.80'	65	NS	NS	NS	"mud"	
	63-018	09/08/63	70° 10.50'	124° 30.00'	15	"OTrawl"	NS	NS	NS	* estimated position
	63-018B	09/08/63	70° 09.40'	124° 30.00'	27	NS	NS	NS	"rock"	
	63-019	12/08/63	69° 49.70'	123° 05.50'	82	OTrawl	NS	NS	"mud"	
	63-019	12/08/63	69° 49.70'	123° 05.50'	80	"OTrawl"	NS	NS	NS	* estimated position
	63-020	12/08/63	69° 39.30'	123° 33.30'	46-52	OTrawl	NS	NS	"mud, rock"	
	63-020	12/08/63	69° 39.30'	123° 33.30'	52	NS	NS	NS	"sand, gravel"	
	63-022	13/08/63	69° 27.00'	124° 17.00'	30	"OTrawl"	NS	NS	NS	* estimated position
	63-024	20/08/62	69° 55.10'	125° 56.00'	161	"OTrawl"	NS	NS	NS	* estimated position
	63-025	20/08/63	69° 52.00'	125° 54.00'	110-130	"OTrawl"	NS	NS	"mud"	
	63-027	20/08/63	70° 04.00'	125° 10.00'	33	OTrawl	NS	NS	"mud"	
	63-027	20/08/63	70° 04.00'	125° 10.00'	33	"OTrawl"	NS	NS	NS	* estimated position
	63-031	25/08/63	70° 16.00'	125° 42.50'	174	NS	NS	NS	"mud"	
	63-032	28/08/63	70° 14.30'	124° 34.40'	0-65	OTrawl	NS	NS	"mud, rock"	
	63-032	28/08/63	70° 14.30'	124° 34.40'	65	"OTrawl"	NS	NS	NS	* estimated position
	63-034	05/09/63	70° 14.00'	124° 36.50'	77-80	OTrawl	NS	NS	"mud"	
	63-034	05/09/63	70° 14.00'	124° 36.50'	80	"OTrawl"	NS	NS	NS	* estimated position
	63-035	05/09/63	70° 13.50'	124° 39.60'	66	"Longline"	NS	NS	NS	* estimated position
71-0001A	71-501	18/07/71	69° 24.40'	132° 58.90'	24	PtG/500	0345	1		
	71-502	19/07/71	69° 49.30'	132° 41.50'	10	PtG/500	0210	1		
	71-503	19/07/71	69° 58.40'	132° 57.00'	19	PtG/500	1914	1		
	71-504	19/07/71	70° 16.00'	131° 40.00'	38	PtG/500	1535	1		
	71-505	19/07/71	70° 13.20'	131° 06.00'	17	PtG/500	2115	1		
	71-506	20/07/71	69° 59.40'	129° 13.20'	13	PtG/500	2150	1		
71-0004A	71-507A	17/08/71	69° 34.70'	131° 16.00'	3	PtG/500	2235	1	silt-clay, sand	
	71-508	17/08/71	69° 34.80'	131° 18.00'	15	PtG/500	2330	1	silt-clay, sand	
	71-509	17/08/71	69° 32.50'	131° 24.00'	72	PtG/500	0100	1	silt-clay, sand	
	71-510	25/08/71	69° 36.50'	131° 04.00'	55	PtG/500	2300	1	silt-clay, sand	
	71-511	25/08/71	69° 33.80'	131° 13.00'	16	PtG/500	0115	1	silt-clay, sand	
71-0004B	71-508	15/12/71	69° 34.80'	131° 18.00'	22	PtG/500	2200	1	NS	
71-0018A	BS13	27/08/71	69° 52.00'	132° 15.00'	NS	Grab/200	NS	NS	NS	
	BS14	27/08/71	69° 39.00'	133° 04.00'	NS	Grab/200	NS	NS	NS	
	BS15	27/08/71	69° 40.00'	134° 56.00'	NS	Grab/200	NS	NS	NS	
	BS18	09/09/71	69° 47.00'	133° 00.00'	NS	Grab/200	NS	NS	NS	
	BS19	09/09/71	69° 47.00'	133° 50.00'	NS	Grab/200	NS	NS	NS	
	BS20	09/09/71	69° 40.00'	133° 37.00'	NS	Grab/200	NS	NS	NS	
	BS22	09/09/71	68° 59.00'	136° 40.00'	NS	Grab/200	NS	NS	NS	
	BS23	09/09/71	68° 58.00'	136° 18.00'	NS	Grab/200	NS	NS	NS	
	BS24	11/09/71	69° 33.00'	135° 14.00'	NS	Grab/200	NS	NS	NS	
	BS25	11/09/71	69° 40.20'	134° 55.80'	NS	Grab/200	NS	NS	NS	* estimated position
	EC8	11/09/71	69° 11.00'	134° 15.00'	NS	Grab/200	NS	3	NS	
	KU17	09/09/71	69° 26.00'	133° 40.00'	NS	Grab/200	NS	NS	NS	
	KU4	26/08/71	69° 28.00'	133° 18.00'	NS	Grab/200	NS	NS	NS	
	KU5	26/08/71	69° 34.00'	133° 13.00'	NS	Grab/200	NS	NS	NS	

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71-0018A	KU7	26/08/71	69° 43.00'	134° 00.00'	NS	Grab/200	NS	NS	NS	
(Cont'd.)	KU8	26/08/71	69° 45.00'	134° 27.00'	NS	Grab/200	NS	NS	NS	
71-0018b	KU4	11/12/71	69° 28.00'	133° 18.00'	NS	Grab/200	NS	NS	NS	
72-0004A	72-508	18/05/72	69° 34.80'	131° 18.00'	23	PG2/500	0130	1	clay, silt, sand	
72-0004B	72-507	09/08/72	69° 34.50'	131° 15.00'	25	PtG/500	2240	1	sand, silt, clay	
	72-508	19/07/72	69° 34.80'	131° 18.00'	24	PtG/500	NS	1	clay, silt, sand	
	72-508	28/08/72	69° 34.80'	131° 18.00'	18	PtG/500	1915	1	NS	
	72-510	19/07/72	69° 36.50'	131° 04.00'	62	PtG/500	NS	1	sand, clay, silt	
	72-510	28/08/72	69° 36.50'	131° 04.00'	58	PtG/500	1815	1	sand, clay, silt	
	72-512	09/08/72	69° 33.00'	131° 27.00'	29	PtG/500	2014	1	sand, clay, silt	
	72-513	12/08/72	69° 22.00'	131° 08.00'	25	PtG/500	1940	1	clay, silt	
	72-514	12/08/72	69° 27.00'	131° 06.00'	43	PtG/500	2040	1	clay, sand, silt	
	72-515	12/08/72	69° 32.00'	131° 11.00'	43	PtG/500	2145	1	clay, silt	
	72-516	13/08/72	69° 32.00'	130° 55.00'	11	PtG/500	1740	1	clay, silt, sand	
	72-517	13/08/72	69° 32.00'	130° 40.00'	7	PtG/500	1835	1	sand	
	72-518	13/08/72	69° 25.00'	130° 47.00'	12	PtG/500	1945	1	clay, silt	
	72-519	13/08/72	69° 27.00'	130° 55.00'	43	PtG/500	2120	1	clay, silt	
	72-520	25/08/72	69° 30.00'	131° 39.00'	43	PtG/500	2115	1	clay, silt, sand	
	72-521	25/08/72	69° 26.00'	131° 53.00'	7	PtG/500	2320	1	clay, silt, sand	
	72-522	26/08/72	69° 20.00'	132° 05.00'	23	PtG/500	0120	1	clay, silt	
	72-523	26/08/72	69° 17.00'	132° 14.00'	9	PtG/500	0255	1	clay, silt	
	72-524	26/08/72	69° 14.00'	132° 21.00'	6	PtG/500	1415	1	clay, silt	
	72-526	26/08/72	69° 09.00'	132° 29.00'	9	PtG/500	1820	1	silt, clay, sand	
72-0004C	72-508	24/11/72	69° 34.80'	131° 18.00'	19	PtG/500	2000	1	NS	
72-0007	1	03/08/72	69° 37.10'	135° 17.00'	0.1	Quadrat/847	NS	1	NS	* estimated position
	1	16/08/72	69° 32.00'	135° 05.00'	NS	BTrawl2	NS	1	NS	* estimated position
	2	03/08/72	69° 37.30'	135° 15.00'	0.1	Quadrat/847	NS	1	NS	* estimated position
	3	03/08/72	69° 33.50'	135° 32.00'	0.1	Quadrat/847	NS	1	NS	* estimated position
	3b	06/07/72-10/09/72	69° 31.90'	135° 27.50'	2.3	PeG/847	NS	NS	"fine clay silt"	* estimated position
	4	03/08/72	69° 30.50'	135° 25.00'	0.1	Quadrat/847	NS	1	NS	* estimated position
	4	19/07/72	69° 33.00'	135° 18.00'	NS	BTrawl2	NS	1	NS	* estimated position
	5	03/08/72	69° 31.00'	135° 17.00'	0.1	Quadrat/847	NS	1	NS	* estimated position
	5	18/07/72	69° 35.00'	135° 11.00'	NS	BTrawl2	NS	1	NS	* estimated position
	5a	06/07/72-10/09/72	69° 32.50'	135° 06.70'	2	PeG/847	NS	NS	"fine clay silt"	* estimated position
	5c	06/07/72-10/09/72	69° 35.40'	135° 12.00'	NS	PeG/847	NS	NS	NS	* estimated position
	5d	06/07/72-10/09/72	69° 36.90'	135° 15.30'	2.1	PeG/847	NS	NS	"fine sand and clay and black gravel"	* estimated position
	6	03/08/72	69° 32.60'	135° 07.00'	0.1	Quadrat/847	NS	1	NS	* estimated position
	6	20/07/72	69° 39.80'	135° 12.00'	NS	BTrawl2	NS	1	NS	* estimated position
	6a	06/07/72-10/09/72	69° 40.60'	135° 04.20'	4.3	PeG/847	NS	NS	"fine clay silt and shells"	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
72-0007 (Cont'd.)	6b	06/07/72-10/09/72	69° 40.00'	135° 09.00'	4.2	PeG/847	NS	NS	"fine clay silt"	* estimated position
	6c	06/07/72-10/09/72	69° 39.50'	135° 14.00'	4.3	PeG/847	NS	NS	"fine clay silt and shells"	* estimated position
	6d	06/07/72-10/09/72	69° 39.00'	135° 19.20'	4.4	PeG/847	NS	NS	"fine clay silt"	* estimated position
	6e	06/07/72-10/09/72	69° 38.40'	135° 23.50'	2.4	PeG/847	NS	NS	"clay silt and sand"	* estimated position
	7	03/08/72	69° 32.30'	135° 06.00'	0.1	Quadrat/847	NS	1	NS	* estimated position
	7	19/07/72	69° 37.00'	135° 03.00'	NS	BTrawl2	NS	1	NS	* estimated position
	7c	06/07/72-10/09/72	69° 37.40'	135° 02.00'	2.7	PeG/847	NS	NS	"fine clay and sand"	* estimated position
	7d	06/07/72-10/09/72	69° 39.00'	135° 00.50'	3.2	PeG/847	NS	NS	"fine clay silt"	* estimated position
	7e	06/07/72-10/09/72	69° 41.20'	134° 59.00'	4.6	PeG/847	NS	NS	"fine clay and sand"	* estimated position
	8a	06/07/72-10/09/72	69° 41.30'	134° 40.00'	3	PeG/847	NS	NS	"fine clay and sand"	* estimated position
	9	07/08/72	69° 34.00'	135° 01.00'	NS	BTrawl2	NS	1	NS	* estimated position
	9b	06/07/72-10/09/72	69° 34.60'	134° 59.00'	2.1	PeG/847	NS	NS	"fine clay and sand"	* estimated position
	9d	06/07/72-10/09/72	69° 36.70'	134° 50.20'	1.5	PeG/847	NS	NS	"fine clay silt"	* estimated position
	10	16/08/72	69° 32.00'	134° 54.00'	NS	BTrawl2	NS	1	NS	* estimated position
	10b	06/07/72-10/09/72	69° 32.10'	134° 56.10'	1.2	PeG/847	NS	NS	"fine clay silt"	* estimated position
	10e	06/07/72-10/09/72	69° 31.60'	134° 41.00'	1.8	PeG/847	NS	NS	"fine sand and clay"	* estimated position
72-0012	BS13	NS/NS/72	69° 52.00'	132° 15.00'	NS	TBEkm/200	NS	NS	NS	
	BS14	NS/NS/72	69° 39.00'	133° 04.00'	NS	TBEkm/200	NS	NS	NS	
	BS15	NS/NS/72	69° 40.00'	134° 56.00'	NS	TBEkm/200	NS	NS	NS	
	BS18	NS/NS/72	69° 47.00'	133° 00.00'	NS	TBEkm/200	NS	NS	NS	
	BS19	NS/NS/72	69° 47.00'	133° 50.00'	NS	TBEkm/200	NS	NS	NS	
	BS24	NS/NS/72	69° 33.00'	135° 14.00'	NS	TBEkm/200	NS	NS	NS	
	BS26	NS/NS/72	69° 38.50'	135° 11.00'	NS	TBEkm/200	NS	NS	NS	
73-0001	Immerk 5d	21/03/73	69° 36.90'	134° 35.00'	2.8	TEkm/500	NS	1	NS	* estimated position
	Immerk 6c	20/03/73	69° 39.50'	134° 43.50'	4.7	TEkm/500	NS	1	NS	* estimated position
	Immerk 7b	21/03/73	69° 35.70'	134° 33.20'	2.8	TEkm/500	NS	1	NS	* estimated position
73-0002	73-526	20/07/73	69° 23.70'	132° 59.60'	8	PG2/500	1745	1	clay, silt	
	73-527	20/07/73	69° 30.00'	133° 15.00'	5	PG2/500	2215	1	clay, silt	
	73-528	22/07/73	69° 50.00'	132° 22.00'	7	PG2/500	2215	1	sand	
	73-529	23/07/73	70° 01.00'	131° 26.00'	12	PG2/500	0210	1	clay, silt	
	73-530	23/07/73	70° 11.00'	130° 50.00'	9	PG2/500	1600	1	sand	
	73-531	23/07/73	70° 23.00'	130° 01.00'	15	PG2/500	2040	1	clay, silt, sand	
	73-532	24/07/73	70° 43.00'	130° 14.00'	36	PG2/500	0200	1	clay, silt, sand	
	73-533	24/07/73	70° 56.00'	130° 14.00'	42	PG2/500	0530	1	clay, silt	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
73-0002 (Cont'd.)	73-534	24/07/73	69° 43.00'	133° 06.00'	7	PG2/500	2345	1	clay, silt	
	73-535	25/07/73	69° 40.00'	133° 53.00'	6	PG2/500	2400	1	clay, silt	
	73-536	26/07/73	69° 50.00'	134° 30.00'	9	PG2/500	0330	1	clay, silt	
	73-537	26/07/73	69° 48.00'	135° 17.00'	9	PG2/500	0645	1	clay, silt	
	73-538	26/07/73	69° 33.00'	136° 00.00'	5	PG2/500	1915	1	clay, silt	
	73-539	26/07/73	69° 17.00'	136° 34.00'	3	PG2/500	2300	1	silt, clay	
	73-540	27/07/73	69° 02.00'	137° 12.00'	4	PG2/500	0350	1	silt, clay	
	73-541	27/07/73	69° 14.00'	137° 54.00'	34	PG2/500	1940	1	clay, silt	
	73-542	28/07/73	69° 32.00'	138° 18.00'	94	PG2/500	0130	1	clay, silt	
73-0003B	73-515	28/06/73	69° 32.00'	131° 11.00'	41	PtG/500	0035	1	NS	
	73-515	16/08/73	69° 32.00'	131° 11.00'	44	PtG/500	1830	1	NS	
73-0016	I-1	12/08/73-16/08/73	69° 24.90'	132° 59.30'	11	Dredge/NOS	NS	NS	"clay"	* estimated position
	I-2	12/08/73-16/08/73	69° 24.60'	132° 59.40'	11.5	Dredge/NOS	NS	NS	"clay"	* estimated position
	I-3	12/08/73-16/08/73	69° 24.40'	132° 59.50'	12.5	Dredge/NOS	NS	NS	"clay"	* estimated position
	I-4	12/08/73-16/08/73	69° 24.30'	132° 59.40'	10.5	Dredge/NOS	NS	NS	"clay"	* estimated position
	I-5	12/08/73-16/08/73	69° 24.50'	132° 59.40'	6.5	Dredge/NOS	NS	NS	"clay"	* estimated position
	I-6	12/08/73-16/08/73	69° 24.40'	132° 59.30'	9.5	Dredge/NOS	NS	NS	"clay"	* estimated position
	I-7	12/08/73-16/08/73	69° 24.70'	132° 59.40'	11	Dredge/NOS	NS	NS	"clay"	* estimated position
	I-8	12/08/73-16/08/73	69° 24.70'	132° 59.30'	5.5	Dredge/NOS	NS	NS	"clay and detritus"	* estimated position
	I-9	12/08/73-16/08/73	69° 24.80'	132° 59.30'	7	Dredge/NOS	NS	NS	"mud and detritus"	* estimated position
	I-10	12/08/73-16/08/73	69° 24.30'	132° 59.30'	2.5	Dredge/NOS	NS	NS	"clay and plant mat."	* estimated position
	I-11	12/08/73-16/08/73	69° 24.50'	132° 59.40'	1.25	Dredge/NOS	NS	NS	"gravel and rubble"	* estimated position
	I-12	12/08/73-16/08/73	69° 24.70'	132° 59.20'	4	Dredge/NOS	NS	NS	"mud"	* estimated position
	II-1	12/08/73-16/08/73	69° 26.40'	132° 59.30'	4	Dredge/NOS	NS	NS	"mud"	* estimated position
	II-2	12/08/73-16/08/73	69° 26.40'	132° 59.30'	1	Dredge/NOS	NS	NS	"sand and gravel"	* estimated position
	II-3	12/08/73-16/08/73	69° 26.50'	132° 59.20'	3	Dredge/NOS	NS	NS	"clay"	* estimated position
	II-4	12/08/73-16/08/73	69° 26.60'	132° 59.30'	9	Dredge/NOS	NS	NS	"mud"	* estimated position
	II-5	12/08/73-16/08/73	69° 26.50'	132° 59.30'	3	Dredge/NOS	NS	NS	"clay"	* estimated position
	II-6	12/08/73-16/08/73	69° 26.50'	132° 59.40'	2	Dredge/NOS	NS	NS	"clay"	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
73-0016 (Cont'd.)	II-7	12/08/73-16/08/73	69° 26.60'	132° 59.40'	3.5	Dredge/NOS	NS	NS	"clay and gravel"	* estimated position
	II-8	12/08/73-16/08/73	69° 26.60'	132° 59.50'	6	Dredge/NOS	NS	NS	"clay"	* estimated position
	II-9	12/08/73-16/08/73	69° 26.40'	132° 59.40'	6.8	Dredge/NOS	NS	NS	"clay and plant mat."	* estimated position
	II-10	12/08/73-16/08/73	69° 26.30'	132° 59.50'	7	Dredge/NOS	NS	NS	"clay"	* estimated position
	III-1	12/08/73-16/08/73	69° 26.30'	133° 00.70'	14	Dredge/NOS	NS	NS	"clay"	* estimated position
	III-2	12/08/73-16/08/73	69° 26.40'	133° 00.70'	3.5	Dredge/NOS	NS	NS	"clay"	* estimated position
	III-3	12/08/73-16/08/73	69° 26.50'	133° 00.70'	2	Dredge/NOS	NS	NS	"clay"	* estimated position
	III-4	12/08/73-16/08/73	69° 26.50'	133° 00.80'	3	Dredge/NOS	NS	NS	"clay"	* estimated position
	III-5	12/08/73-16/08/73	69° 26.50'	133° 00.90'	12	Dredge/NOS	NS	NS	"mud"	* estimated position
	III-6	12/08/73-16/08/73	69° 26.50'	133° 01.00'	1.8	Dredge/NOS	NS	NS	"clay"	* estimated position
	III-7	12/08/73-16/08/73	69° 26.40'	133° 00.90'	2	Dredge/NOS	NS	NS	"mud"	* estimated position
	III-8	12/08/73-16/08/73	69° 26.30'	133° 00.90'	10	Dredge/NOS	NS	NS	"clay"	* estimated position
	III-9	12/08/73-16/08/73	69° 26.30'	133° 00.80'	6	Dredge/NOS	NS	NS	"clay"	* estimated position
	III-10	12/08/73-16/08/73	69° 26.40'	133° 00.70'	2	Dredge/NOS	NS	NS	"mud"	* estimated position
74-0001	Adgo 104	13/03/74	69° 28.30'	135° 19.80'	2.6	TEkm/500	NS	1	NS	* estimated position
	Adgo 105	13/03/74	69° 28.70'	135° 23.20'	3	TEkm/500	NS	5	silt	* estimated position
	Adgo 107	13/03/74	69° 29.90'	135° 22.00'	3.2	TEkm/500	NS	1	NS	* estimated position
	Garry 101	14/03/74	69° 27.80'	135° 22.20'	2.7	TEkm/500	NS	1	NS	* estimated position
	Garry 113	19/03/74	69° 31.50'	135° 16.90'	2.4	TEkm/500	NS	5	NS	* estimated position
	Garry 113D	15/03/74	69° 31.50'	135° 16.60'	2.4	TEkm/500	NS	1	NS	* estimated position
	Garry 113G	16/03/74	69° 30.80'	135° 18.30'	2.4	TEkm/500	NS	1	NS	* estimated position
	Garry 113J	17/03/74	69° 31.40'	135° 16.00'	2.6	TEkm/500	NS	1	NS	* estimated position
	Garry 113M	19/03/74	69° 31.00'	135° 17.60'	2.4	TEkm/500	NS	1	NS	* estimated position
	Garry 113P	19/03/74	69° 30.80'	135° 16.60'	2.1	TEkm/500	NS	1	NS	* estimated position
	Garry 113Q	19/03/74	69° 30.50'	135° 16.20'	2.1	TEkm/500	NS	1	NS	* estimated position
	Garry 116	15/03/74	69° 31.20'	135° 13.00'	2.6	TEkm/500	NS	1	NS	* estimated position
	Garry 117	15/03/74	69° 32.80'	135° 12.80'	3	TEkm/500	NS	1	NS	* estimated position
	Garry 118	17/03/74	69° 31.60'	135° 10.10'	2.7	TEkm/500	NS	1	NS	* estimated position
	Garry 120	17/03/74	69° 31.80'	135° 04.00'	2.9	TEkm/500	NS	1	NS	* estimated position
	Garry 122	17/03/74	69° 30.60'	135° 02.00'	2.6	TEkm/500	NS	1	NS	* estimated position
	Garry 401	20/03/74	69° 32.80'	135° 05.50'	2.7	TEkm/500	NS	1	NS	* estimated position
	Garry 402	20/03/74	69° 33.50'	135° 08.60'	2.7	TEkm/500	NS	1	NS	* estimated position
	Garry 403	20/03/74	69° 33.90'	135° 11.00'	3.4	TEkm/500	NS	1	NS	* estimated position
	Issigak 301	28/03/74	69° 42.50'	135° 25.00'	9.1	TEkm/500	NS	5	silt, clay, sand	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
74-0001 (Cont'd.)	Issigak 302	31/03/74	69° 35.80'	135° 26.60'	12.3	TEkm/500	NS	5	NS	* estimated position
	Issigak 303	30/03/74	69° 36.10'	135° 26.40'	12.7	TEkm/500	NS	5	silt, clay	* estimated position
	Kadok 404	09/04/74	69° 48.80'	133° 59.90'	6.1	TEkm/500	NS	5	sand, silt	* estimated position
	Kadok 413	11/04/74	69° 50.90'	133° 54.50'	4.9	TEkm/500	NS	5	sand	* estimated position
	Kadok 416	12/04/74	69° 50.00'	133° 38.50'	10.1	TEkm/500	NS	5	silt, clay	* estimated position
	Kadok 419	12/04/74	69° 50.00'	133° 39.00'	10.2	TEkm/500	NS	5	silt, clay	* estimated position
	Kadok 502	09/04/74	69° 51.50'	134° 03.50'	8.4	TEkm/500	NS	5	sand, silt	* estimated position
	Netserk 201	21/03/74	69° 32.20'	135° 22.70'	3.7	TEkm/500	NS	1	silt	* estimated position
	Netserk 203	22/03/74	69° 32.90'	135° 24.70'	4.1	TEkm/500	NS	5	NS	* estimated position
	Netserk 204	22/03/74	69° 32.60'	135° 25.20'	4.1	TEkm/500	NS	5	silt, clay	* estimated position
	Netserk 206	24/03/74	69° 33.70'	135° 25.10'	4.3	TEkm/500	NS	5	silt, clay	* estimated position
	Netserk 207	24/03/74	69° 34.00'	135° 24.70'	4.7	TEkm/500	NS	5	silt, clay	* estimated position
	Netserk N 209	26/03/74	69° 36.40'	135° 24.10'	6.1	TEkm/500	NS	5	NS	* estimated position
	Netserk N 210	26/03/74	69° 39.10'	135° 22.70'	7.3	TEkm/500	NS	5	NS	* estimated position
	Netserk N 212	27/03/74	69° 39.30'	135° 21.70'	7.6	TEkm/500	NS	5	silt, clay	* estimated position
74-0003	2	12/07/74-09/09/74	69° 48.70'	133° 57.40'	6	TEkm/500	NS	NS	NS	* estimated position
	2	12/08/74	69° 48.70'	133° 57.40'	NS	BTrawl	NS	1	NS	* estimated position
	5	12/07/74-09/09/74	69° 52.70'	135° 04.70'	13	TEkm/500	NS	NS	NS	* estimated position
	5	01/09/74	69° 52.70'	135° 04.70'	NS	BTrawl	NS	1	NS	* estimated position
	8	12/07/74-09/09/74	69° 32.90'	135° 56.90'	4.7	TEkm/500	NS	NS	NS	* estimated position
	8a	10/08/74	69° 32.90'	135° 56.90'	NS	BTrawl	NS	1	NS	* estimated position
	8b	28/08/74	69° 32.90'	135° 56.90'	NS	BTrawl	NS	1	NS	* estimated position
	10	12/07/74-09/09/74	69° 32.20'	135° 44.30'	2.7	TEkm/500	NS	NS	NS	* estimated position
	11	12/07/74-09/09/74	69° 49.20'	134° 36.50'	6	TEkm/500	NS	NS	NS	* estimated position
	11	12/08/74	69° 49.20'	134° 36.50'	NS	BTrawl	NS	1	NS	* estimated position
	12	12/07/74-09/09/74	69° 42.00'	134° 37.10'	3.9	TEkm/500	NS	NS	NS	* estimated position
	12a	07/08/74	69° 42.00'	134° 37.10'	NS	BTrawl	NS	1	NS	* estimated position
	12b	09/09/74	69° 42.00'	134° 37.10'	NS	BTrawl	NS	1	NS	* estimated position
	13	12/07/74-09/09/74	69° 35.90'	134° 48.70'	2	TEkm/500	NS	NS	NS	* estimated position
	13	06/08/74	69° 35.90'	134° 48.70'	NS	BTrawl	NS	1	NS	* estimated position
	14	12/07/74-09/09/74	69° 34.10'	134° 37.70'	1.3	TEkm/500	NS	NS	NS	* estimated position
	14	07/08/74	69° 34.10'	134° 37.70'	NS	BTrawl	NS	1	NS	* estimated position
	15	12/07/74-09/09/74	69° 31.20'	134° 56.30'	1.2	TEkm/500	NS	NS	NS	* estimated position
	15	06/08/74	69° 31.20'	134° 56.30'	NS	BTrawl	NS	1	NS	* estimated position
	16	12/07/74-0[illegible]/74	69° 37.00'	135° 10.40'	2.8	TEkm/500	NS	NS	NS	* estimated position
	16a	1[illegible]/74	69° 37.00'	135° 10.40'	NS	BTrawl	NS	1	NS	* estimated position
	16b	08/09/74	69° 37.00'	135° 10.40'	NS	BTrawl	NS	1	NS	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
74-0003 (Cont'd.)	17	12/07/74-09/09/74	69° 40.00'	135° 12.80'	4.5	TEkm/500	NS	NS	NS	* estimated position
	17a	12/08/74	69° 40.00'	135° 12.80'	NS	BTrawl	NS	1	NS	* estimated position
	17b	08/09/74	69° 40.00'	135° 12.80'	NS	BTrawl	NS	1	NS	* estimated position
	18	12/07/74-09/09/74	69° 33.80'	135° 23.50'	1.8	TEkm/500	NS	NS	NS	* estimated position
	18a	07/08/74	69° 33.80'	135° 23.50'	NS	BTrawl	NS	1	NS	* estimated position
	18b	14/08/74	69° 33.80'	135° 23.50'	NS	BTrawl	NS	1	NS	* estimated position
	18c	10/09/74	69° 33.80'	135° 23.50'	NS	BTrawl	NS	1	NS	* estimated position
	19	12/07/74-09/09/74	69° 30.60'	135° 37.40'	1.9	TEkm/500	NS	NS	NS	* estimated position
	19	29/08/74	69° 30.60'	135° 37.40'	NS	BTrawl	NS	1	NS	* estimated position
	20	12/07/74-09/09/74	69° 24.10'	135° 31.50'	0.6	TEkm/500	NS	NS	NS	* estimated position
	21	12/07/74-09/09/74	69° 27.20'	135° 51.60'	2	TEkm/500	NS	NS	NS	* estimated position
	22	12/07/74-09/09/74	69° 25.00'	135° 52.30'	1.7	TEkm/500	NS	NS	NS	* estimated position
	22a	04/08/74	69° 25.00'	135° 52.30'	NS	BTrawl	NS	1	NS	* estimated position
	22b	30/08/74	69° 25.00'	135° 52.30'	NS	BTrawl	NS	1	NS	* estimated position
	23	12/07/74-09/09/74	69° 18.60'	135° 37.60'	2	TEkm/500	NS	NS	NS	* estimated position
	23a	03/08/74	69° 18.60'	135° 37.60'	NS	BTrawl	NS	1	NS	* estimated position
	23b	14/08/74	69° 18.60'	135° 37.60'	NS	BTrawl	NS	1	NS	* estimated position
	24	12/07/74-09/09/74	69° 38.60'	135° 32.20'	5.1	TEkm/500	NS	NS	NS	* estimated position
	24a	05/08/74	69° 38.60'	135° 32.20'	NS	BTrawl	NS	1	NS	* estimated position
	24b	10/08/74	69° 38.60'	135° 32.20'	NS	BTrawl	NS	1	NS	* estimated position
	25	12/07/74-09/09/74	69° 26.50'	135° 33.40'	1.9	TEkm/500	NS	NS	NS	* estimated position
	25	06/08/74	69° 26.50'	135° 33.40'	NS	BTrawl	NS	1	NS	* estimated position
	26	12/07/74-09/09/74	69° 44.80'	134° 20.30'	3	TEkm/500	NS	NS	NS	* estimated position
	26a	12/08/74	69° 44.80'	134° 20.30'	NS	BTrawl	NS	1	NS	* estimated position
	26b	09/09/74	69° 44.80'	134° 20.30'	NS	BTrawl	NS	1	NS	* estimated position
	27	12/07/74-09/09/74	69° 30.20'	135° 43.30'	1.6	TEkm/500	NS	NS	NS	* estimated position
	28	12/07/74-09/09/74	69° 30.90'	135° 44.70'	1.9	TEkm/500	NS	NS	NS	* estimated position
	28	28/08/74	69° 30.90'	135° 44.70'	NS	BTrawl	NS	1	NS	* estimated position
	29	12/07/74-09/09/74	69° 28.80'	135° 47.80'	6.4	TEkm/500	NS	NS	NS	* estimated position
74-0008	74-544	27/08/74	70° 33.40'	131° 42.80'	41	Mixed/500	1630	1	sand, clay	
	74-545	27/08/74	70° 23.20'	131° 42.80'	37	Mixed/500	1940	1	clay, silt	
	74-546	28/08/74	69° 56.60'	133° 27.10'	21	Mixed/500	0345	1	clay, silt	
	74-547	29/08/74	70° 18.00'	135° 10.20'	56	Mixed/500	0645	1	clay, silt	
	74-548	30/08/74	70° 08.10'	135° 34.30'	44	Mixed/500	0645	1	clay, silt	
	74-549	30/08/74	69° 56.20'	135° 47.80'	24	Mixed/500	1515	1	clay, silt	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
74-0008 (Cont'd.)	74-550	31/08/74	70° 21.10'	136° 36.30'	58	Mixed/500	0020	1	clay, silt	
	74-551	31/08/74	70° 06.90'	136° 50.20'	42	Mixed/500	0620	1	clay, silt	
	74-552	31/08/74	69° 56.20'	137° 04.70'	40	Mixed/500	1515	1	clay, silt	
	74-553	01/09/74	70° 05.40'	139° 08.20'	215	Mixed/500	0630	1	clay, silt	
	74-554	01/09/74	69° 47.40'	138° 55.70'	106	Mixed/500	1715	1	clay, silt	
	74-555	01/09/74	69° 44.90'	139° 36.70'	34	Mixed/500	2030	1	clay, silt	
	74-556	02/09/74	69° 27.00'	138° 48.50'	54	Mixed/500	0145	1	clay, silt	
	74-557	02/09/74	69° 36.30'	138° 21.00'	125	Mixed/500	1715	1	clay, silt	
	74-558	02/09/74	69° 32.80'	136° 58.10'	23	Mixed/500	2130	1	clay, silt	
	74-559	03/09/74	69° 59.70'	135° 21.00'	32	Mixed/500	0330	1	clay, silt	
74-0011	20	20/07/74-13/08/74	69° 34.70'	139° 39.50'	NS	PG/450	NS	3	NS	* estimated position
	25	20/07/74-13/08/74	69° 34.00'	139° 36.60'	NS	PG/450	NS	3	NS	* estimated position
	27	20/07/74-13/08/74	69° 34.60'	139° 39.50'	NS	PG/450	NS	3	NS	* estimated position
	33	20/07/74-13/08/74	69° 33.40'	139° 34.80'	NS	PG/450	NS	3	NS	* estimated position
	36	20/07/74-13/08/74	69° 34.20'	139° 31.20'	NS	PG/450	NS	3	NS	* estimated position
	39	20/07/74-13/08/74	69° 33.90'	139° 31.20'	NS	PG/450	NS	3	NS	* estimated position
	A	24/06/74	69° 33.40'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	A	08/07/74	69° 33.40'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	A	24/07/74	69° 33.40'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	A	04/08/74	69° 33.40'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	A	26/08/74	69° 33.40'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	A	11/09/74	69° 33.40'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	B	26/06/74	69° 33.70'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	B	08/07/74	69° 33.70'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	B	24/07/74	69° 33.70'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	B	09/08/74	69° 33.70'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	B	26/08/74	69° 33.70'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
	B	11/09/74	69° 33.70'	139° 34.00'	NS	PG/450	NS	3	NS	* estimated position
74-0019	Garry Is B	01/02/74-31/03/74	69° 24.63'	135° 30.86'	NS	Ekm/500	NS	NS	NS	* estimated position
	Pelly B II-III 2	01/02/74-31/03/74	69° 34.85'	135° 25.15'	NS	Ekm/500	NS	NS	NS	
	Pelly B II-III 15	01/02/74-31/03/74	69° 39.08'	135° 22.99'	4.4	Ekm/500	NS	NS	NS	
	Pelly B II-III 17	01/02/74-31/03/74	69° 38.74'	135° 25.42'	4	Ekm/500	NS	NS	NS	
	Pelly B II-III 19	01/02/74-31/03/74	69° 38.77'	135° 20.52'	4.4	Ekm/500	NS	NS	NS	
	Pelly B IV-8	01/02/74-31/03/74	69° 37.06'	135° 14.46'	3.1	Ekm/500	NS	NS	NS	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
74-0019 (Cont'd.)	Pelly B IV-10	01/02/74-31/03/74	69° 37.45'	135° 13.11'	3.3	Ekm/500	NS	NS	NS	
	Pelly B Is 4	05/03/74-07/03/74	69° 34.31'	135° 23.49'	2.1	Ekm/500	NS	NS	NS	
	Pelly B Is 10	05/03/74-07/03/74	69° 34.17'	135° 24.68'	2.1	Ekm/500	NS	NS	NS	
	Pelly B Is 11	05/03/74-07/03/74	69° 34.17'	135° 24.21'	2.2	Ekm/500	NS	NS	NS	
	Pelly B Is 13	05/03/74-07/03/74	69° 34.17'	135° 23.64'	2	Ekm/500	NS	NS	NS	
	Pelly B Is 15	05/03/74-07/03/74	69° 34.16'	135° 23.07'	2.2	Ekm/500	NS	NS	NS	
74-0117	74-243	05/09/74	69° 39.20'	138° 18.40'	135	Pisces IV	1600	NA		
75-0004	1	10/07/75-20/08/75	69° 54.90'	134° 17.00'	10.3	TEKm/500	NS	NS	NS	* estimated position
	2	10/07/75-20/08/75	69° 48.80'	133° 58.20'	4.6	TEKm/500	NS	NS	NS	* estimated position
	2	17/07/75	69° 48.80'	133° 58.20'	3-4	Sled	NS	1	NS	* estimated position
	7	10/07/75-20/08/75	69° 46.00'	135° 57.80'	11.2	TEKm/500	NS	NS	NS	* estimated position
	8	10/07/75-20/08/75	69° 32.70'	135° 57.00'	5	TEKm/500	NS	NS	NS	* estimated position
	8	29/07/75	69° 32.70'	135° 57.00'	3-4	Sled	NS	1	NS	* estimated position
	9	10/07/75-20/08/75	69° 37.40'	135° 54.20'	7.5	TEKm/500	NS	NS	NS	* estimated position
	11	10/07/75-20/08/75	69° 49.10'	134° 36.30'	6.5	TEKm/500	NS	NS	NS	* estimated position
	11	31/07/75	69° 49.10'	134° 36.30'	6	Sled	NS	1	NS	* estimated position
	12	10/07/75-20/08/75	69° 42.20'	134° 35.80'	4	TEKm/500	NS	NS	NS	* estimated position
	12	30/07/75	69° 42.20'	134° 35.80'	3	Sled	NS	1	NS	* estimated position
	14	10/07/75-20/08/75	69° 33.70'	134° 36.30'	2	TEKm/500	NS	NS	NS	* estimated position
	16	10/07/75-20/08/75	69° 37.10'	135° 10.50'	3	TEKm/500	NS	NS	NS	* estimated position
	16	10/07/75	69° 37.10'	135° 10.50'	3	Sled	NS	1	NS	* estimated position
	21	10/07/75-20/08/75	69° 27.50'	135° 49.60'	2	TEKm/500	NS	NS	NS	* estimated position
	26	10/07/75-20/08/75	69° 44.20'	134° 21.30'	3.9	TEKm/500	NS	NS	NS	* estimated position
	60	10/07/75-20/08/75	69° 44.90'	133° 40.20'	5.3	TEKm/500	NS	NS	NS	* estimated position
	62	10/07/75-20/08/75	69° 24.30'	135° 49.30'	1.3	TEKm/500	NS	NS	NS	* estimated position
	67	10/07/75-20/08/75	69° 35.10'	134° 08.90'	5	TEKm/500	NS	NS	NS	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
75-0004 (Cont'd.)	72	10/07/75-20/08/75	69° 19.00'	136° 06.00'	NS	TEKm/500	NS	NS	NS	* estimated position
	73	10/07/75-20/08/75	69° 40.40'	133° 20.30'	5	TEKm/500	NS	NS	NS	* estimated position
	74	10/07/75-20/08/75	69° 35.70'	133° 09.50'	5.2	TEKm/500	NS	NS	NS	* estimated position
	75	10/07/75-20/08/75	69° 31.50'	133° 06.50'	4.9	TEKm/500	NS	NS	NS	* estimated position
	79	10/07/75-20/08/75	69° 40.30'	133° 51.00'	4.3	TEKm/500	NS	NS	NS	* estimated position
75-0006A	75-569	05/08/75	70° 14.00'	139° 04.00'	441	WPE/500	0945	1	clay, silt	
	75-570	05/08/75	70° 42.00'	134° 45.00'	55	WPE/500	2200	1	clay, silt	
	75-570	05/08/75	70° 42.00'	134° 45.00'	55	ABS Dredge	2200	1	clay, silt	
	75-571	06/08/75	70° 02.00'	135° 34.00'	37	WPE/500	2210	1	clay, silt	
	75-572	07/08/75	70° 56.00'	132° 33.00'	65	WPE/500	2000	1	clay, silt, sand	
	75-572	07/08/75	70° 56.00'	132° 33.00'	65	ABS Dredge	2000	1	clay, silt, sand	
	75-573	08/08/75	71° 22.00'	130° 24.00'	70	WPE/500	0530	1	clay, silt, sand	
	75-574	08/08/75	70° 07.00'	132° 17.00'	32	WPE/500	1845	1	clay, silt, sand	
	75-574	08/08/75	70° 07.00'	132° 17.00'	32	ABS Dredge	1845	1	clay, sand, silt	
	75-575	09/08/75	69° 33.00'	138° 56.00'	10	WPE/500	2045	1	clay, silt	
75-0006B	75-337	02/09/75	69° 30.20'	138° 52.30'	55	Pisces IV	1600			
	75-339	03/09/75	69° 32.20'	138° 53.40'	30	Pisces IV	1700			
	75-341	04/09/75	69° 29.00'	138° 30.90'	20	Pisces IV	1830			
75-0012A	75-565	17/06/75	70° 08.00'	132° 37.00'	31	PtG/500	2400	1	clay, silt	
	75-566	06/07/75	70° 06.00'	138° 56.00'	318	PtG/500	0330	1	silt, clay	
	75-568	19/07/75	70° 14.00'	139° 04.00'	408	PtG/500	0245	1	clay, silt	
75-0012B	75-604	13/07/75	69° 32.30'	133° 52.50'	4	PtG/500	1715	1	sand, clay, silt	
	75-605	13/07/75	69° 30.30'	133° 55.00'	15	PtG/500	2230	1	clay, sand, silt	
	75-606	14/07/75	69° 31.80'	133° 57.00'	15	PtG/500	0215	1	clay, sand	
	75-607	14/07/75	69° 34.30'	134° 09.00'	26	PtG/500	1830	1	clay, silt	
	75-608	14/07/75	69° 32.30'	134° 09.40'	4	PtG/500	2210	1	clay, sand, silt	
	75-609	15/07/75	69° 32.90'	134° 07.50'	11	PtG/500	0010	1	clay, sand, silt	
	75-610	15/07/75	69° 33.50'	134° 05.00'	18	PtG/500	0245	1	clay, sand, silt	
	75-611	15/07/75	69° 34.30'	134° 03.00'	3	PtG/500	1850	1	sand, clay, silt	
	75-612	17/07/75	69° 35.90'	133° 58.50'	7	PtG/500	1850	1	clay, silt, sand	
	75-613	17/07/75	69° 38.50'	133° 55.00'	4	PtG/500	2025	1	silt, clay, sand	
75-0012C	75-005	07/07/75	69° 22.70'	133° 12.50'	2	PtG/500	1800	1	clay, silt	
	75-006	07/07/75	69° 22.00'	133° 13.70'	3	PtG/500	2300	1	clay, silt, sand	
	75-007	11/07/75	69° 23.80'	133° 09.70'	2	PtG/500	2200	1	sand, clay, silt	
	75-008	11/07/75	69° 22.90'	133° 14.60'	2	PtG/500	0430	1	clay, silt, sand	
	75-009	11/07/75	69° 23.80'	133° 07.00'	2	PtG/500	2230	1	clay, silt, sand	
	75-012	20/07/75	69° 21.70'	133° 39.20'	5	PtG/500	0130	1	clay, sand, silt	
	75-013	20/07/75	69° 20.20'	133° 40.80'	7	PtG/500	0200	1	clay, sand, silt	
	75-014	20/07/75	69° 19.50'	133° 44.40'	5	PtG/500	2300	1	clay, silt	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
75-0012C (Cont'd.)	75-015	20/07/75	69° 19.90'	133° 43.20'	5	PtG/500	2330	1	clay, silt, sand	
	75-016	26/07/75	69° 39.30'	132° 23.90'	4	PtG/500	2230	1	clay, silt	
	75-017	26/07/75	69° 38.20'	132° 27.80'	4	PtG/500	2400	1	clay, silt, sand	
	75-018	27/07/75	69° 38.80'	132° 32.80'	4	PtG/500	0115	1	clay, silt	
	75-019	29/07/75	69° 40.20'	132° 42.20'	2	PtG/500	2130	1	sand	
	75-020	29/07/75	69° 41.60'	132° 24.10'	3	PtG/500	2330	1	clay, silt, sand	
	75-023	05/08/75	69° 42.40'	132° 09.20'	4	PtG/500	0030	1	sand, clay, silt	
	75-025	05/08/75	69° 45.20'	132° 14.50'	3	PtG/500	2100	1	silt, sand, clay	
	75-026	05/08/75	69° 43.80'	132° 12.10'	3	PtG/500	2130	1	sand	
	75-028	08/08/75	69° 40.90'	132° 08.30'	4	PtG/500	1730	1	clay, silt, sand	
	75-029	08/08/75	69° 43.20'	132° 14.00'	2	PtG/500	1930	1	sand	
	75-030	15/08/75	69° 54.10'	131° 07.90'	5	PtG/500	1815	1	sand, silt, clay	
	75-031	15/08/75	69° 56.50'	131° 09.90'	7	PtG/500	1910	1	clay, sand, silt	
	75-032	16/08/75	70° 00.70'	131° 09.60'	7	PtG/500	2010	1	sand	
	75-033	16/08/75	69° 58.20'	131° 17.40'	5	PtG/500	2135	1	silt, clay, sand	
	75-034	17/08/75	69° 59.90'	131° 04.80'	8	PtG/500	1725	1	sand, clay	
75-0025A	A	13/05/75	69° 34.30'	138° 56.00'	6	TEkm/500	NS	1	NS	
	B	10/05/75	69° 34.00'	138° 57.00'	9	TEkm/500	NS	1	NS	
	C	16/05/75	69° 21.00'	138° 43.00'	7	TEkm/500	NS	1	NS	
	C	16/05/75	69° 21.00'	138° 43.00'	NS	ETrawl2	NS	1	NS	
	D	16/05/75	69° 17.00'	138° 32.00'	7	TEkm/500	NS	1	NS	
	D	16/05/75	69° 17.00'	138° 32.00'	NS	ETrawl2	NS	1	NS	
	E	12/05/75	69° 07.00'	137° 57.00'	16	TEkm/500	NS	1	NS	
	F	NS/05/75	69° 04.00'	137° 45.00'	NS	ETrawl2	NS	1	NS	* estimated position
	G	17/05/75	69° 00.50'	137° 13.00'	4.5	TEkm/500	NS	1	NS	
	G	17/05/75	69° 00.50'	137° 13.00'	NS	ETrawl2	NS	1	NS	
75-0025B	1	24/07/75	69° 14.50'	138° 29.00'	1.4	TEkm/500	NS	1	NS	
	1	24/07/75	69° 14.50'	138° 29.00'	NS	ETrawl2	NS	1	NS	
	4	24/07/75	69° 15.50'	138° 28.00'	1.3	TEkm/500	NS	1	NS	
	4	24/07/75	69° 15.50'	138° 28.00'	NS	ETrawl2	NS	1	NS	
	25	23/07/75	69° 20.50'	138° 42.00'	2.5	TEkm/500	NS	1	NS	
	25	23/07/75	69° 20.50'	138° 42.00'	NS	ETrawl2	NS	1	NS	
	26	18/07/75	69° 20.50'	138° 44.00'	2.5	TEkm/500	NS	1	NS	
	27	23/07/75	69° 21.00'	138° 40.00'	12.5	TEkm/500	NS	1	NS	
	27	23/07/75	69° 21.00'	138° 40.00'	NS	ETrawl2	NS	1	NS	
	31	20/07/75	69° 34.20'	138° 56.00'	3.5	TEkm/500	NS	1	NS	
	31	20/07/75	69° 34.20'	138° 56.00'	NS	ETrawl2	NS	1	NS	
	31b	20/07/75	69° 34.40'	138° 52.00'	NS	ETrawl2	NS	1	NS	* estimated position
	32	NS/07/75	69° 34.00'	138° 57.00'	NS	ETrawl2	NS	1	NS	* estimated position
	34	21/07/75	69° 34.00'	138° 53.00'	3	TEkm/500	NS	1	NS	
	41	24/07/75	69° 18.00'	138° 24.00'	1.8	TEkm/500	NS	1	NS	
	100	17/07/75	69° 06.50'	137° 57.00'	13	TEkm/500	NS	1	NS	
	100	17/07/75	69° 06.50'	137° 57.00'	NS	ETrawl2	NS	1	NS	
	104	16/07/75	68° 59.00'	137° 21.00'	3	TEkm/500	NS	1	NS	
	104	16/07/75	68° 59.00'	137° 21.00'	NS	ETrawl2	NS	1	NS	
	107	16/07/75	68° 58.00'	137° 13.00'	2.8	TEkm/500	NS	1	NS	
	107	16/07/75	68° 58.00'	137° 13.00'	NS	ETrawl2	NS	1	NS	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Dataset I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
75-0025B (Cont'd.)	114	29/07/75	69° 06.00'	137° 58.50'	2.6	TEkm/500	NS	1	NS	
	114	29/07/75	69° 06.00'	137° 58.50'	NS	ETrawl2	NS	1	NS	
	200	30/07/75	69° 04.80'	137° 56.00'	3	TEkm/500	NS	1	NS	
75-0026	2	17/07/75-22/07/75	70° 02.00'	134° 53.00'	4-8	WPG/NS		NS	NS	* estimated position
75-0042	SB Middle	02/07/75-22/09/75	68° 51.50'	135° 56.00'	1.5	Ekm/425	NS	1	NS	* estimated position
	SB Offshore	02/07/75-22/09/75	68° 52.00'	135° 55.00'	4.5	Ekm/425	NS	1	NS	* estimated position
	SB West Coast	02/07/75-22/09/75	68° 51.00'	135° 57.00'	1.5	Ekm/425	NS	1	NS	* estimated position
76-0003	Ernerk proposed	07/09/76	69° 49.00'	133° 03.00'	NS	TBEkm/500	NS	5	"organic/silt"	
	Igalak proposed	01/09/76	69° 44.00'	135° 13.00'	NS	TBEkm/500	NS	5	"organic/silt"	
	Isserk H-47	14/08/76	69° 56.00'	134° 25.00'	NS	TBEkm/500	NS	5	"organic/silt"	
	Isserk H-47	14/08/76	69° 56.00'	134° 25.00'	12	Sled	2120	1	NS	
	Isserk H-47	14/08/76	69° 56.26'	134° 25.42'	11.7	Sled	NS	1	NS	
	Isserk H-47 E1.0	14/08/76	69° 56.00'	134° 20.50'	NS	TBEkm/500	NS	5	"organic/silt"	* estimated position
	Isserk H-47 N2.0	14/08/76	69° 58.00'	134° 25.00'	NS	TBEkm/500	NS	5	"organic/silt"	* estimated position
	Isserk NN	30/08/76	69° 59.00'	134° 23.00'	NS	TBEkm/500	NS	5	"organic/silt"	
	Isserk NNE	30/08/76	69° 59.00'	134° 17.00'	NS	TBEkm/500	NS	5	"organic/silt"	* estimated position
	Kadluk proposed	02/09/76	69° 49.00'	136° 10.00'	NS	TBEkm/500	NS	5	"organic/silt"	
	Kannerk G-42	16/08/76	70° 00.00'	131° 12.00'	NS	TBEkm/500	NS	5	"organic/silt/sand"	
	Kannerk G-42	16/08/76	70° 00.00'	131° 12.00'	NS	Sled	NS	1	NS	* estimated position
	Minuk proposed	05/09/76	69° 43.00'	136° 28.00'	NS	TBEkm/500	NS	5	"organic/silt"	
	Nipterk proposed	01/09/76	69° 46.00'	135° 28.00'	NS	TBEkm/500	NS	5	"organic/silt"	
	Paktaq proposed	02/09/76	69° 39.00'	136° 25.00'	NS	TBEkm/500	NS	5	"organic/silt"	
	SW1.5	16/08/76	69° 58.70'	131° 13.90'	NS	TBEkm/500	NS	5	"organic/silt/sand"	* estimated position
	Unnamed	03/09/76	69° 47.00'	136° 45.00'	NS	TBEkm/500	NS	5	"organic/silt"	
76-0004	N1.5	31/08/76	69° 44.60'	132° 34.50'	NS	TBEkm/500	NS	5	"sand"	* estimated position
76-0005	NO.25	28/07/76	69° 49.75'	133° 52.00'	8.5	TBEkm/500	NS	5	silt, clay, sand	* estimated position
	NO.5	28/07/76	69° 50.00'	133° 52.00'	8.5	TBEkm/500	NS	5	silt, clay, sand	* estimated position
	N1.0	28/07/76	69° 50.50'	133° 52.00'	8.8	TBEkm/500	NS	5	silt, clay, sand	* estimated position
	N1.5	31/07/76	69° 51.00'	133° 52.00'	9.45	TBEkm/500	NS	5	"organic/silt"	* estimated position
	N1.5	31/07/76	69° 51.00'	133° 52.00'	9.4	TBEkm/500	NS	5	"organic/silt"	* estimated position
	N1.5	05/08/76	69° 51.00'	133° 52.00'	10.06	TBEkm/500	NS	5	"organic/silt"	* estimated position
77-0002A	1	16/07/77-23/07/77	69° 44.30'	132° 30.60'	NS	WEkm/NS	NS	1	NS	* estimated position
	1	16/07/77-23/07/77	69° 44.30'	132° 30.60'	NS	ETrawl	NS	1	NS	* estimated position
	2	16/07/77-23/07/77	69° 42.00'	132° 16.20'	NS	WEkm/NS	NS	1	NS	* estimated position
	2	16/07/77-23/07/77	69° 42.00'	132° 16.20'	NS	ETrawl	NS	1	NS	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
77-0002A (Cont'd.)	3	16/07/77-23/07/77	69° 44.50'	132° 21.10'	NS	WEkm/NS	NS	1	NS	* estimated position
	3	16/07/77-23/07/77	69° 44.50'	132° 21.10'	NS	ETrawl	NS	1	NS	* estimated position
	4	16/07/77-23/07/77	69° 46.30'	132° 14.00'	NS	WEkm/NS	NS	1	NS	* estimated position
	4	16/07/77-23/07/77	69° 46.30'	132° 14.00'	NS	ETrawl	NS	1	NS	* estimated position
	6	16/07/77-23/07/77	69° 43.20'	132° 33.70'	NS	WEkm/NS	NS	1	NS	* estimated position
	6	16/07/77-23/07/77	69° 43.20'	132° 33.70'	NS	ETrawl	NS	1	NS	* estimated position
	8	16/07/77-23/07/77	69° 42.10'	132° 34.80'	NS	WEkm/NS	NS	1	NS	* estimated position
	8	16/07/77-23/07/77	69° 42.10'	132° 34.80'	NS	ETrawl	NS	1	NS	* estimated position
	9	16/07/77-23/07/77	69° 39.00'	132° 40.50'	NS	WEkm/NS	NS	1	NS	* estimated position
	9	16/07/77-23/07/77	69° 39.00'	132° 40.50'	NS	ETrawl	NS	1	NS	* estimated position
	10	16/07/77-23/07/77	69° 38.90'	132° 37.40'	NS	WEkm/NS	NS	1	NS	* estimated position
	10	16/07/77-23/07/77	69° 38.90'	132° 37.40'	NS	ETrawl	NS	1	NS	* estimated position
	11	16/07/77-23/07/77	69° 40.00'	132° 28.40'	NS	WEkm/NS	NS	1	NS	* estimated position
	11	16/07/77-23/07/77	69° 40.00'	132° 28.40'	NS	ETrawl	NS	1	NS	* estimated position
	12	16/07/77-23/07/77	69° 39.20'	132° 28.40'	NS	WEkm/NS	NS	1	NS	* estimated position
	12	16/07/77-23/07/77	69° 39.20'	132° 28.40'	NS	ETrawl	NS	1	NS	* estimated position
77-0002B	1	27/08/77-02/09/77	69° 44.30'	132° 30.60'	NS	WEkm/NS	NS	1	NS	* estimated position
	1	27/08/77-02/09/77	69° 44.30'	132° 30.60'	NS	ETrawl	NS	1	NS	* estimated position
	2	27/08/77-02/09/77	69° 42.00'	132° 16.20'	NS	WEkm/NS	NS	1	NS	* estimated position
	2	27/08/77-02/09/77	69° 42.00'	132° 16.20'	NS	ETrawl	NS	1	NS	* estimated position
	3	27/08/77-02/09/77	69° 44.50'	132° 21.10'	NS	WEkm/NS	NS	1	NS	* estimated position
	3	27/08/77-02/09/77	69° 44.50'	132° 21.10'	NS	ETrawl	NS	1	NS	* estimated position
	4	27/08/77-02/09/77	69° 46.30'	132° 14.00'	NS	WEkm/NS	NS	1	NS	* estimated position
	4	27/08/77-02/09/77	69° 46.30'	132° 14.00'	NS	ETrawl	NS	1	NS	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
77-0002B (Cont'd.)	5	27/08/77-02/09/77	69° 43.20'	132° 33.70'	NS	WEkm/NS	NS	1	NS	* estimated position
	6	27/08/77-02/09/77	69° 43.20'	132° 33.70'	NS	ETrawl	NS	1	NS	* estimated position
	8	27/08/77-02/09/77	69° 42.10'	132° 34.80'	NS	WEkm/NS	NS	1	NS	* estimated position
	8	27/08/77-02/09/77	69° 42.10'	132° 34.80'	NS	ETrawl	NS	1	NS	* estimated position
	9	27/08/77-02/09/77	69° 39.00'	132° 40.50'	NS	WEkm/NS	NS	1	NS	* estimated position
	9	27/08/77-02/09/77	69° 39.00'	132° 40.50'	NS	ETrawl	NS	1	NS	* estimated position
	10	27/08/77-02/09/77	69° 38.90'	132° 37.40'	NS	WEkm/NS	NS	1	NS	* estimated position
	10	27/08/77-02/09/77	69° 38.90'	132° 37.40'	NS	ETrawl	NS	1	NS	* estimated position
	11	27/08/77-02/09/77	69° 40.00'	132° 28.40'	NS	WEkm/NS	NS	1	NS	* estimated position
	11	27/08/77-02/09/77	69° 40.00'	132° 28.40'	NS	ETrawl	NS	1	NS	* estimated position
	12	27/08/77-02/09/77	69° 39.20'	132° 28.40'	NS	WEkm/NS	NS	1	NS	* estimated position
	12	27/08/77-02/09/77	69° 39.20'	132° 28.40'	NS	ETrawl	NS	1	NS	* estimated position
77-0007	Kaglulik A	12/07/77	70° 34.13'	130° 51.38'	26.9	VV3/500	NS	1	"loose clay"	* estimated position
	Kaglulik A	17/08/77	70° 34.13'	130° 51.38'	26.9	VV3/500	NS	1	"loose clay"	* estimated position
	Kaglulik A	18/08/77	70° 43.70'	130° 06.20'	32.1	VV3/500	NS	1	"loose clay"	* estimated position
	Kaglulik B	11/07/77	70° 34.13'	130° 51.38'	26.9	VV3/500	NS	1	"loose clay"	
	Kaglulik B	18/08/77	70° 43.19'	130° 08.21'	32.1	VV3/500	NS	1	"loose clay"	
	Kaglulik C	17/08/77	70° 34.13'	130° 51.38'	26.9	VV3/500	NS	1	"loose clay"	* estimated position
	Kaglulik C	18/08/77	70° 43.10'	130° 06.90'	32.1	VV3/500	NS	1	"loose clay"	* estimated position
	Kaglulik D	17/08/77	70° 34.13'	130° 51.38'	26.9	VV3/500	NS	1	"loose clay"	* estimated position
	Kaglulik D	18/08/77	70° 43.20'	130° 10.80'	32.1	VV3/500	NS	1	"loose clay"	* estimated position
	Kenalooak A	03/09/77	70° 44.10'	133° 55.80'	70.3	VV3/500	NS	1	"loose clay"	* estimated position
	Kenalooak B	03/09/77	70° 43.63'	133° 58.13'	70.3	VV3/500	NS	1	"loose clay"	
	Kenalooak C	03/09/77	70° 42.80'	133° 56.80'	70.3	VV3/500	NS	1	"loose clay"	* estimated position
	Kenalooak D	03/09/77	70° 43.63'	133° 60.70'	70.3	VV3/500	NS	1	"loose clay"	* estimated position
	Kopanoar	21/07/77	70° 23.38'	135° 04.99'	58.4	VV3/500	NS	1	"loose clay"	
	Miterk A	05/09/77	70° 36.00'	134° 83.00'	59.9	VV3/500	NS	1	"silty clay"	* estimated position
	Miterk B	05/09/77	70° 35.00'	134° 85.00'	59.9	VV3/500	NS	1	"silty clay"	* estimated position
	Miterk C	05/09/77	70° 34.00'	134° 84.00'	59.9	VV3/500	NS	1	"silty clay"	* estimated position
	Miterk D	05/09/77	70° 35.00'	134° 88.00'	59.9	VV3/500	NS	1	"silty clay"	* estimated position
	Natsek A	06/08/77	69° 46.22'	139° 44.16'	32.1	VV3/500	NS	1	"hard clay"	
	Natsek B	05/08/77	69° 45.34'	139° 44.64'	32.1	VV3/500	NS	1	"hard clay"	
	Natsek C	06/08/77	69° 44.94'	139° 26.85'	32.1	VV3/500	NS	1	"hard clay"	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
77-0007 (Cont'd.)	Natsek D	06/08/77	69° 44.90'	139° 42.50'	32.1	VV3/500	NS	1	"clay, sand"	Composite sample made by pooling hauls from 4 stations, 69 degrees 51.30'N, 139 degrees 34.68'W, 69 degrees 52.21'N, 139 degrees 34.64'W, 69 degrees 50.81'N, 139 degrees 32.60'W, 69 degrees 50.89'N, 139 degrees 36.90'W.
	Nerlerk A	13/08/77	70° 27.82'	133° 29.78'	55	VV3/500	NS	1	"clay, sand"	
	Nerlerk B	14/08/77	70° 27.82'	133° 29.78'	55	VV3/500	NS	1	"clay, sand"	* estimated position
	Nerlerk C	14/08/77	70° 27.82'	133° 29.78'	55	VV3/500	NS	1	"clay, sand"	* estimated position
	Nerlerk D	14/08/77	70° 27.82'	133° 29.78'	55	VV3/500	NS	1	"clay, sand"	* estimated position
	Silukoak A	01/09/77	70° 24.80'	134° 26.70'	55	VV3/500	NS	1	"sand, loose clay"	* estimated position
	Silukoak B	01/09/77	70° 25.28'	134° 29.00'	55	VV3/500	NS	1	"sand, loose clay"	* estimated position
	Silukoak C	01/09/77	70° 24.50'	134° 27.70'	55	VV3/500	NS	1	"pebbles, sand, loose clay"	* estimated position
	Silukoak D	01/09/77	70° 25.30'	134° 31.60'	55	VV3/500	NS	1	"sand, loose clay"	* estimated position
	Sissuak	06/08/77-07/08/77	69° 51.30'	139° 34.70'	41.3	VV3/500	NS	1	Composite sample	* estimated position
	Ukalerk A	18/07/77	70° 09.13'	132° 43.88'	27.8	VV3/500	NS	1	"sand, clay, pebbles"	
77-0008	I-0-4	24/07/77	69° 58' 50'	134° 23.10'	13.5		NS		"1 cm yellow-brown silt over grey clay"	* estimated position
	I-0-5	25/07/77	69° 58.90'	134° 23.10'	14		NS		"1 cm yellow-brown silt over grey clay"	* estimated position
	I-0-6	25/07/77	69° 59.30'	134° 23.10'	14.5		NS		"1 cm yellow-brown silt over grey clay"	* estimated position
	I-120-4	25/07/77	69° 56.90'	134° 20.90'	12		NS		"1 cm yellow-brown silt over grey clay"	* estimated position
	I-120-5	25/07/77	69° 56.50'	134° 19.80'	12		NS		"2 cm yellow-brown silt over grey clay"	* estimated position
	I-120-6	26/07/77	69° 56.10'	134° 18.70'	12		NS		"1-1.5 cm yellow-brown silt over grey clay"	* estimated position
	I-240-4	21/07/77	69° 56.90'	134° 25.30'	12.5		NS		"2-2.5 cm yellow-brown silt over grey clay"	* estimated position
	I-240-5	21/07/77	69° 56.50'	134° 26.40'	12		NS		"2 cm yellow-brown silt over grey clay"	* estimated position
	I-240-6	21/07/77	69° 56.10'	134° 27.50'	11.5		NS		"1.5 cm yellow-brown silt over grey clay"	* estimated position
	I-NE	19/07/77	70° 00.00'	134° 09.00'	18.5		NS		"2 cm yellow-brown silt over grey clay"	* estimated position
	I-NW	19/07/77	70° 00.00'	134° 27.00'	17		NS		"1 cm yellow-brown silt over grey clay"	* estimated position

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77-0008 (Cont'd.)	I-SE	20/07/77	69° 50.00'	134° 09.00'	8		NS		"2.5-3 cm yellow-brown silt over grey clay"	* estimated position
	I-SW	20/07/77	69° 50.00'	134° 27.00'	8		NS		"5-7 cm yellow-brown silt over sand-clay mixture"	* estimated position
77-0009A	022-4	31/07/77	69° 59.90'	133° 16.20'	15.6	PG/470		5	clay	* estimated position
	112-4	27/07/77	69° 54.40'	133° 10.50'	12	PG/470		5	clay	* estimated position
	202-4	30/07/77	69° 52.20'	133° 25.50'	10.1	PG/470		5	clay	* estimated position
	292-4	30/07/77	69° 57.75'	133° 32.00'	14.3	PG/470		5	clay	* estimated position
77-0009B	022-4	29/08/77	69° 59.90'	133° 16.20'	15.6	PG/470		5	clay, silt	Cyclocardia ventricosa was reported as Cardita ventricosa (an obsolete genus). * estimated position
	202-4	26/08/77	69° 52.20'	133° 25.50'	10.1	PG/470		4	clay	* estimated position
	292-4	28/08/77	69° 57.75'	133° 32.00'	14.3	PG/470		5	clay	A bryozoan colony was enumerated as a single individual. * estimated position
78-0002	8NE	19/07/78	70° 12.20'	130° 57.80'	30	VV3/500	NS	1	"compacted clay"	
78-0018	Centre	20/08/78	69° 32.40'	136° 12.00'	NS	VV3/500	NS	1	NS	
	N30E	20/08/78	69° 33.34'	136° 11.00'	2.8	VV3/500	NS	1	NS	
	NWE	20/08/78	69° 31.50'	136° 09.00'	2.8	VV3/500	NS	1	NS	
	S30E	20/08/78	69° 32.40'	136° 11.00'	2.8	VV3/500	NS	1	NS	
79-0007	N150E	22/07/79	70° 46.50'	129° 20.70'	NS	Grab/500	NS	1	NS	
	N30E	22/07/79	70° 46.90'	129° 21.10'	NS	Grab/500	NS	1	NS	
	W	22/07/79	70° 46.20'	129° 22.50'	NS	Grab/500	NS	1	NS	
	Wellhead	22/07/79	70° 46.24'	129° 21.44'	NS	Grab/500	NS	1	NS	Bryozoan colonies were counted as individuals.
79-0008	Wellhead	31/08/79	70° 43.60'	133° 58.13'	NS	Grab/500	NS	1	NS	
79-0025	1-50	16/08/79	69° 24.20'	135° 49.30'	NS	PD/500	NS	2	NS	* estimated position
	1-300	16/08/79	69° 24.40'	135° 49.80'	NS	PD/500	NS	2	NS	* estimated position
	2-50	16/08/79	69° 24.20'	135° 49.30'	NS	PD/500	NS	2	NS	* estimated position
	2-300	16/08/79	69° 24.40'	135° 48.90'	NS	PD/500	NS	2	NS	* estimated position
	3-50	16/08/79	69° 24.20'	135° 49.30'	NS	PD/500	NS	2	NS	* estimated position
	3-300	16/08/79	69° 24.40'	135° 49.00'	NS	PD/500	NS	2	NS	* estimated position
	4-50	16/08/79	69° 24.20'	135° 49.30'	NS	PD/500	NS	2	NS	* estimated position
	4-300	16/08/79	69° 24.30'	135° 49.00'	NS	PD/500	NS	2	NS	* estimated position
	5-50	16/08/79	69° 24.20'	135° 49.30'	NS	PD/500	NS	2	NS	* estimated position
	5-300	16/08/79	69° 24.05'	135° 49.00'	NS	PD/500	NS	2	NS	* estimated position

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Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
79-0025 (Cont'd.)	6-50	16/08/79	69° 24.20'	135° 49.30'	NS	PD/500	NS	2	NS	* estimated position
	6-300	16/08/79	69° 24.00'	135° 49.40'	NS	PD/500	NS	2	NS	* estimated position
	7-50	16/08/79	69° 24.20'	135° 49.30'	NS	PD/500	NS	2	NS	* estimated position
	7-300	16/08/79	69° 24.05'	135° 49.50'	NS	PD/500	NS	2	NS	* estimated position
	8-50	16/08/79	69° 24.20'	135° 49.30'	NS	PD/500	NS	2	NS	* estimated position
	8-300	16/08/79	69° 24.20'	135° 49.50'	NS	PD/500	NS	2	NS	* estimated position
	10-50	16/08/79	69° 26.40'	135° 51.10'	NS	PD/500	NS	2	NS	* estimated position
	10-300	16/08/79	69° 26.70'	135° 50.80'	NS	PD/500	NS	2	NS	* estimated position
	11-50	16/08/79	69° 26.40'	135° 51.10'	NS	PD/500	NS	2	NS	* estimated position
	11-300	16/08/79	69° 26.70'	135° 50.70'	NS	PD/500	NS	2	NS	* estimated position
	12-50	16/08/79	69° 26.40'	135° 51.10'	NS	PD/500	NS	2	NS	* estimated position
	12-300	16/08/79	69° 26.60'	135° 50.70'	NS	PD/500	NS	2	NS	* estimated position
	13-50	16/08/79	69° 26.40'	135° 51.10'	NS	PD/500	NS	2	NS	* estimated position
	13-300	16/08/79	69° 26.40'	135° 50.70'	NS	PD/500	NS	2	NS	* estimated position
	14-50	16/08/79	69° 26.40'	135° 51.10'	NS	PD/500	NS	2	NS	* estimated position
	14-300	16/08/79	69° 26.40'	135° 51.30'	NS	PD/500	NS	2	NS	* estimated position
	15-50	16/08/79	69° 26.40'	135° 51.10'	NS	PD/500	NS	2	NS	* estimated position
	15-300	16/08/79	69° 26.40'	135° 51.50'	NS	PD/500	NS	2	NS	* estimated position
	16-50	16/08/79	69° 26.40'	135° 51.10'	NS	PD/500	NS	2	NS	* estimated position
	16-300	16/08/79	69° 26.50'	135° 51.50'	NS	PD/500	NS	2	NS	* estimated position
79-0026	IA	13/12/79	70° 01.50'	131° 13.00'	26		NS			
	IB	13/12/79	70° 01.70'	131° 12.90'	11		NS			
	IC	13/12/79	70° 01.60'	131° 13.10'	23		NS			
80-0004A	1	10/07/80-12/07/80	69° 31.40'	133° 08.10'	4	PG/500	NS	1	Silt-Clay	
	2	10/07/80-12/07/80	69° 27.75'	132° 59.60'	9	PG/500	NS	1	Sand	
	3	10/07/80-12/07/80	69° 26.81'	133° 01.10'	11	PG/500	NS	1	Silt-Clay	
	4	10/07/80-12/07/80	69° 26.79'	132° 58.70'	13	PG/500	NS	1	Silt-Clay	
	5A	10/07/80-12/07/80	69° 26.16'	132° 58.30'	21	PG/500	NS	1	Silt-Clay	
	6	10/07/80-12/07/80	69° 25.25'	132° 58.10'	25	PG/500	NS	1	Silt-Clay	
	7	10/07/80-12/07/80	69° 24.40'	132° 59.08'	10	PG/500	NS	1	Silt-Clay	
	10	10/07/80-12/07/80	69° 27.50'	132° 59.10'	7	PG/500	NS	1	Sand	
	11	10/07/80-12/07/80	69° 27.25'	132° 58.93'	2	PG/500	NS	1	Silt-Clay	
	12	10/07/80-12/07/80	69° 27.00'	132° 58.65'	5.2	PG/500	NS	1	Silt-Clay	
	13	10/07/80-12/07/80	69° 26.96'	132° 58.80'	4	PG/500	NS	1	Sand, Silt-Clay	
	14	10/07/80-12/07/80	69° 26.75'	132° 58.50'	4.6	PG/500	NS	1	Silt-Clay	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
80-0004A (Cont'd.)	15	10/07/80-12/07/80	69° 26.75'	132° 59.00'	8.2	PG/500	NS	1	Silt-Clay	
80-0004C	1	4/09/80-7/09/80	69° 31.40'	133° 08.10'	5	PG/500	NS	1	Silt-Clay	
	2	4/09/80-7/09/80	69° 27.75'	132° 59.60'	9	PG/500	NS	1	Silt-Clay	
	3	4/09/80-7/09/80	69° 26.81'	133° 01.10'	11	PG/500	NS	1	Silt-Clay	
	4	4/09/80-7/09/80	69° 26.79'	132° 58.70'	13	PG/500	NS	1	Silt-Clay	
	6	4/09/80-7/09/80	69° 25.25'	132° 58.10'	25	PG/500	NS	1	Silt-Clay	
	7	4/09/80-7/09/80	69° 24.40'	132° 59.08'	10	PG/500	NS	1	Silt-Clay	
	9	4/09/80-7/09/80	69° 27.78'	133° 00.35'	2	PG/500	NS	1	Silt-Clay	
	10	4/09/80-7/09/80	69° 27.50'	132° 59.10'	5	PG/500	NS	1	Silt-Clay	
	11	4/09/80-7/09/80	69° 27.25'	132° 58.93'	2	PG/500	NS	1	Sand, Silt-Clay	
	12	4/09/80-7/09/80	69° 27.00'	132° 58.65'	5.2	PG/500	NS	1	Silt-Clay	
	13	4/09/80-7/09/80	69° 26.96'	132° 58.80'	4	PG/500	NS	1	Silt-Clay	
	14	4/09/80-7/09/80	69° 26.75'	132° 58.50'	4.6	PG/500	NS	1	Silt-Clay	
	15	4/09/80-7/09/80	69° 26.75'	132° 59.00'	8.2	PG/500	NS	1	Silt-Clay	
80-0006	0-1800	28/08/80	70° 02.00'	134° 18.00'	18	PG2/500	NS	2	"fine grey clay, some surface silt (1-2cm)"	* estimated position
	0-3000	31/08/80	70° 02.60'	134° 18.00'	18	PG2/500	NS	2	"fine grey clay, some surface silt (1-2cm)"	* estimated position
	90-1800	03/09/80	70° 01.00'	134° 15.00'	18	PG2/500	NS	2	"fine grey clay, some surface silt (1-2cm)"	* estimated position
	90-3000	03/09/80	70° 01.00'	134° 13.10'	18	PG2/500	NS	2	"fine grey clay, some surface silt (1-2cm)"	* estimated position
	180-1800	27/08/80-29/08/80	70° 00.00'	134° 18.00'	18	PG2/500	NS	2	"fine grey clay, some surface silt (1-2cm)"	* estimated position
	180-3000	31/08/80	69° 59.40'	134° 18.00'	18	PG2/500	NS	2	"fine grey clay, some surface silt (1-2cm)"	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
80-0006 (Cont'd.)	270-1800	01/09/80	70° 01.00'	134° 20.00'	18	PG2/500	NS	2	"fine grey clay, some surface silt (1-2cm)"	* estimated position
	270-3000	01/09/80	70° 01.00'	134° 21.80'	18	PG2/500	NS	2	"fine grey clay, some surface silt (1-2cm)"	* estimated position
80-0031	TB4	11/09/80-12/09/80	69° 25.10'	132° 58.20'	7	TBEkm/200	NS	1	silt, clay	* estimated position
	TB5	11/09/80-12/09/80	69° 25.10'	132° 58.10'	12	TBEkm/200	NS	1	clay, silt	* estimated position
	TB7	11/09/80-12/09/80	69° 24.10'	132° 59.30'	4	TBEkm/200	NS	1	sand, silt, clay	* estimated position
	TB10	11/09/80-12/09/80	69° 23.00'	133° 01.00'	5	TBEkm/200	NS	1	sand, silt, clay	* estimated position
	TB11	11/09/80-12/09/80	69° 26.50'	132° 59.80'	2	TBEkm/200	NS	1	clay, silt, sand	* estimated position
	TB12	11/09/80-12/09/80	69° 26.50'	132° 59.60'	3.5	TBEkm/200	NS	1	clay, silt	* estimated position
	TB13	11/09/80-12/09/80	69° 26.50'	132° 59.40'	8	TBEkm/200	NS	1	clay, silt	* estimated position
	TB14	11/09/80-12/09/80	69° 26.50'	132° 59.20'	11	TBEkm/200	NS	1	clay, silt	* estimated position
	TB16	11/09/80-12/09/80	69° 27.30'	132° 58.00'	4	TBEkm/200	NS	1	clay, silt	* estimated position
	TB19	11/09/80-12/09/80	69° 25.50'	132° 57.00'	3.7	TBEkm/200	NS	1	clay, silt	* estimated position
	TB22	11/09/80-12/09/80	69° 25.00'	132° 59.30'	2	TBEkm/200	NS	1	clay, silt	* estimated position
	TB24	11/09/80-12/09/80	69° 25.10'	132° 59.30'	9	TBEkm/200	NS	1	clay, silt	* estimated position
80-0033	A	NS/09/80	69° 44.00'	135° 57.43'	NS	NS	NS	1	clay	
	B	NS/09/80	69° 50.50'	136° 01.50'	NS	NS	NS	1	clay	
	BH-1	NS/09/80	69° 53.82'	136° 11.59'	NS	NS	NS	1	clay	
	BH-2	NS/09/80	69° 53.85'	136° 11.65'	NS	NS	NS	1	clay	
	BH-3	NS/09/80	69° 53.83'	136° 11.55'	NS	NS	NS	1	clay	
	BH-4	NS/09/80	69° 53.79'	136° 11.60'	NS	NS	NS	1	clay	
	BH-5	NS/09/80	69° 53.79'	136° 11.70'	NS	NS	NS	1	clay	
	C	NS/09/80	69° 55.00'	135° 49.50'	NS	NS	NS	1	clay	
	D	NS/09/80	69° 44.67'	135° 57.46'	NS	NS	NS	1	clay	
	E	NS/09/80	69° 45.23'	135° 52.82'	NS	NS	NS	1	clay	
80-0101A	KA-3	17/08/80	70° 35.37'	131° 06.20'	44.8	PED/500	NS	1	sand, silt	
	KA-4	19/08/80	70° 16.48'	131° 16.79'	33.6	PED/500	NS	1	sand, silt	
	KA-5	18/08/80	70° 35.35'	131° 05.98'	43.3	PED/500	NS	1	sand, silt	
	KA-6	19/08/80	70° 33.38'	131° 06.33'	41.5	PED/500	NS	1	sand, silt	
	KA-7	19/08/80	70° 32.31'	131° 06.55'	39.6	PED/500	NS	1	sand, silt	
	KS1	24/08/80	70° 07.56'	131° 50.80'	18.3	PED/500	NS	1	sand, silt	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
80-0101A	KS2	25/08/80	70° 07.88'	131° 34.47'	16.5	PED/500	NS	1	sand, silt	
(Cont'd.)	KS3	25/08/80	70° 11.07'	131° 30.67'	19.5	PED/500	NS	1	sand, silt	
	KS4	24/08/80	70° 11.36'	131° 44.94'	19.8	PED/500	NS	1	sand, silt	
	KS5	24/08/80	70° 15.11'	131° 38.94'	25.6	PED/500	NS	1	sand, silt	
	KS6	24/08/80	70° 14.92'	131° 30.92'	24.4	PED/500	NS	1	sand, silt	
	U1	27/08/80	70° 12.83'	132° 16.33'	29.6	PED/500	NS	1	sand, silt	
	U2	27/08/80	70° 14.50'	132° 16.08'	32	PED/500	NS	1	sand, silt	
	U3	27/08/80	70° 14.53'	132° 25.09'	27.7	PED/500	NS	1	sand, silt	
	U7	13/08/80	69° 55.05'	132° 58.71'	16.8	PED/500	NS	1	silt	Samples collected at this station are archived but have not yet been processed.
	U8	14/08/80	70° 02.77'	132° 27.22'	19.8	PED/500	NS	1	sand, silt	Samples collected at this station are archived but have not yet been processed.
	U9	14/08/80	70° 05.99'	132° 49.08'	29.9	PED/500	NS	1	silt, sand	Samples collected at this station are archived but have not yet been processed.
80-0101B	KC	18/09/80	70° 33.86'	130° 51.98'	26.7	PED/500	NS	1	sand, silt	Original data sheets should be consulted. The final report contains typographical errors for this station.
	KE	18/09/80	70° 33.85'	130° 52.47'	NS	PED/500	NS	1	silt, sand	
	KM	21/09/80	70° 34.18'	130° 51.48'	26.6	PED/500	NS	1	sand, silt	Original data sheets should be consulted. The final report contains typographical errors for this station.
	KS-1	22/09/80	70° 27.73'	130° 55.96'	24	PED/500	NS	1	sand, silt	
	KS-2	22/09/80	70° 27.73'	130° 55.86'	17	PED/500	NS	1	sand	
	KS-3	22/09/80	70° 27.77'	130° 56.26'	17	PED/500	NS	1	sand, silt	
	KS-4	22/09/80	70° 27.77'	130° 57.05'	23	PED/500	NS	1	sand, silt	
	KS-5	23/09/80	70° 29.78'	130° 53.14'	24	PED/500	NS	1	sand, silt	
	KS-6	23/09/80	70° 29.70'	130° 52.19'	NS	PED/500	NS	1	sand, silt	
	KS-7	23/09/80	70° 29.60'	130° 51.38'	NS	PED/500	NS	1	sand, silt	
	KSE	19/09/80	70° 33.54'	130° 48.30'	NS	PED/500	NS	1	silt, sand	
	KW	20/09/80	70° 33.86'	130° 50.64'	26.5	PED/500	NS	1	silt, sand	
81-0003C	3	24/07/81	70° 01.00'	134° 19.50'	19	MVV2/500	NS	2	clay	* estimated position
81-0003X	3	17/06/81	70° 01.00'	134° 19.50'	NS	B-Ekm/500	NS	2	NS	* estimated position
81-0003Y	3	25/09/81	70° 01.00'	134° 19.50'	18.5	MVV2/500	NS	2	NS	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
81-0005	2	15/07/81	70° 01.50'	124° 53.40'	NS	PG/500	NS	2	NS	* estimated position
	3C	14/07/81	70° 02.00'	124° 53.00'	NS	PG/500	NS	2	NS	* estimated position
81-0009A	CS-1	25/07/81	69° 33.63'	138° 48.97'	12	Airlift 1	NS	2	silt/gravel	
	CS-1	25/07/81	69° 33.63'	138° 48.97'	12	UW Video 2	NS	NS	silt/gravel	
	CS-1	25/07/81	69° 33.63'	138° 48.97'	12	UW Still 2	NS	NS	silt/gravel	
	CS-2	25/07/81	69° 33.35'	138° 48.53'	12	Airlift 1	NS	2	silt-clay/gravel	
	CS-2	25/07/81	69° 33.35'	138° 48.53'	12	UW Video 2	NS	NS	silt-clay/gravel	
	CS-2	25/07/81	69° 33.35'	138° 48.53'	12	UW Still 2	NS	NS	silt-clay/gravel	
	D-1	22/07/81	69° 32.60'	138° 47.68'	10	Airlift 1	NS	1	sand, gravel	
	D-1	22/07/81	69° 32.60'	138° 47.68'	10	UW Still 2	NS	NS	sand, gravel	
	D-2	22/07/81	69° 32.65'	138° 47.65'	10	Airlift 1	NS	2	sand, gravel	
	D-2	22/07/81	69° 32.65'	138° 47.65'	10	UW Video 2	NS	NS	sand, gravel	
	D-2	22/07/81	69° 32.65'	138° 47.65'	10	UW Still 2	NS	NS	sand, gravel	
	D-3	22/07/81	69° 26.85'	138° 36.15'	7.6	Airlift 1	NS	2	gravel, sand	
	D-3	22/07/81	69° 26.85'	138° 36.15'	7.6	UW Video 2	NS	NS	gravel, sand	
	D-3	22/07/81	69° 26.85'	138° 36.15'	7.6	UW Still 2	NS	NS	gravel, sand	
	D-4	25/07/81	69° 32.30'	138° 46.48'	11.5	Airlift 1	NS	2	silt-clay, sand	
	D-4	25/07/81	69° 32.30'	138° 46.48'	11.5	UW Video 2	NS	NS	silt-clay, sand	
	D-5	26/07/81	69° 31.83'	138° 45.95'	11.8	Airlift 1	NS	2	sand	
	D-5	26/07/81	69° 31.83'	138° 45.95'	11.8	UW Video 2	NS	NS	sand	
	D-5	26/07/81	69° 31.83'	138° 45.95'	11.8	UW Still 2	NS	NS	sand	
	D-6	26/07/81	69° 36.87'	138° 37.03'	7	Airlift 1	NS	2	sand	
	D-6	26/07/81	69° 36.87'	138° 37.03'	7	UW Video 2	NS	NS	sand	
	D-6	26/07/81	69° 36.87'	138° 37.03'	7	UW Still 2	NS	NS	sand	
	D-7	26/07/81	69° 26.83'	138° 35.83'	8	Airlift 1	NS	2	sand, gravel	
	D-7	26/07/81	69° 26.83'	138° 35.83'	8	UW Video 2	NS	NS	sand, gravel	
	D-8	26/07/81	69° 26.48'	138° 35.18'	9	Airlift 1	NS	2	sand, gravel	
	D-8	26/07/81	69° 26.48'	138° 35.18'	9	UW Video 2	NS	NS	sand, gravel	
	D-8	26/07/81	69° 26.48'	138° 35.18'	8	UW Still 2	NS	NS	sand, gravel	
	D-9	26/07/81	69° 25.80'	138° 33.58'	7.3	Airlift 1	NS	2	sand, silt-clay, gravel	
	D-9	26/07/81	69° 25.80'	138° 33.58'	7.3	UW Video 2	NS	NS	sand, silt-clay, gravel	
	D-10	26/07/81	69° 25.73'	138° 33.73'	7.6	Airlift 1	NS	3	sand, gravel	
	D-10	26/07/81	69° 25.73'	138° 33.73'	7.6	UW Video 2	NS	NS	sand, gravel	
81-0009B	CS-1	12/09/81	69° 33.60'	138° 48.90'	12.5	UW Video 2	NS	NS	silt/gravel	
	CS-1	12/09/81	69° 33.60'	138° 48.90'	12.5	UW Still 2	NS	NS	silt/gravel	
	CS-1	12/09/81	69° 33.60'	138° 48.90'	12.5	Airlift 1	NS	1	silt/gravel	
	CS-2	12/09/81	69° 33.30'	138° 48.40'	12.2	UW Video 2	NS	NS	gravel	
	CS-2	12/09/81	69° 33.30'	138° 48.40'	12.2	UW Still 2	NS	NS	gravel	
	CS-2	12/09/81	69° 33.30'	138° 48.40'	12.2	Airlift 1	NS	2	gravel	
	DS-1	13/09/81	69° 32.60'	138° 48.10'	12.2	UW Video 2	NS	NS	sand, gravel	
	DS-1	13/09/81	69° 32.60'	138° 48.10'	12.2	UW Still 2	NS	NS	sand, gravel	
	DS-1	13/09/81	69° 32.60'	138° 48.10'	12.2	Airlift 1	NS	2	sand, gravel	
	DS-2	13/09/81	69° 32.70'	138° 47.60'	14	UW Video 2	NS	NS	silt-clay, sand	
	DS-2	13/09/81	69° 32.70'	138° 47.60'	14	UW Still 2	NS	NS	silt-clay, sand	
	DS-2	13/09/81	69° 32.70'	138° 47.60'	14	Airlift 1	NS	2	silt-clay, sand	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
81-0018	TBSC-1	11/09/81	69° 44.10'	135° 53.50'	8	VV2/500	NS	2	sand, silt	
	TBSC-2	11/09/81	69° 42.60'	136° 02.60'	8	VV2/500	NS	2	clay, silt	
	TE-2	22/09/81	69° 53.82'	136° 10.78'	18	PG/500	NS	1	clay	
	TE-3	22/09/81	69° 53.85'	136° 06.87'	20	PG/500	NS	1	clay	
	TN-2	22/09/81	69° 54.12'	136° 11.67'	20	PG/500	NS	1	clay, silt	
	TN-3	22/09/81	69° 55.45'	136° 11.73'	21	PG/500	NS	1	clay	
	TS-2	22/09/81	69° 53.52'	136° 11.63'	18	PG/500	NS	1	clay	
	TS-3	22/09/81	69° 52.17'	136° 11.55'	18	PG/500	NS	1	clay	
	TW-2	22/09/81	69° 53.82'	136° 12.42'	18	PG/500	NS	1	clay, sand	
	TW-3	22/09/81	69° 53.78'	136° 16.33'	21	PG/500	NS	1	clay	
81-0021	B81-1	28/07/81	71° 26.03'	123° 36.10'	7.6	Airlift 2	NS	2	sand	
	B81-1	28/07/81	71° 26.03'	123° 36.10'	7.6	UW Still 1	NS	NA	sand	
	B81-1	28/07/81	71° 26.03'	123° 36.10'	7.6	UW Video 2	NS	NA	sand	
	B81-2	28/07/81	71° 25.80'	123° 35.82'	6.1	Airlift 2	NS	2	sand	
	B81-2	28/07/81	71° 25.80'	123° 35.82'	6.1	UW Still 1	NS	NA	sand	
	B81-2	28/07/81	71° 25.80'	123° 35.82'	6.1	UW Video 2	NS	NA	sand	
	B81-3	28/07/81	71° 25.55'	123° 35.50'	5.2	Airlift 2	NS	2	sand	
	B81-3	28/07/81	71° 25.55'	123° 35.50'	5.2	UW Still 1	NS	NA	sand	
	B81-3	28/07/81	71° 25.55'	123° 35.50'	5.2	UW Video 2	NS	NA	sand	
	B81-4	28/07/81	71° 25.38'	123° 35.20'	3.3	Airlift 2	NS	2	sand/gravel	
	B81-4	28/07/81	71° 25.38'	123° 35.20'	3.3	UW Still 1	NS	NA	sand/gravel	
	B81-4	28/07/81	71° 25.38'	123° 35.20'	3.3	UW Video 2	NS	NA	sand/gravel	
	B81-5	28/07/81	71° 25.08'	123° 35.43'	10.6	Airlift 2	NS	2	silt-clay/gravel	
	B81-5	28/07/81	71° 25.08'	123° 35.43'	10.6	UW Still 1	NS	NA	silt-clay/gravel	
	B81-5	28/07/81	71° 25.08'	123° 35.43'	10.6	UW Video 2	NS	NA	silt-clay/gravel	
	B81-6	29/07/81	71° 24.88'	123° 35.17'	14.2	Airlift 2	NS	2	silt-sand/gravel	
	B81-6	29/07/81	71° 24.88'	123° 35.17'	14.2	UW Still 1	NS	NA	silt-sand/gravel	
	B81-6	29/07/81	71° 24.88'	123° 35.17'	14.2	UW Video 2	NS	NA	silt-sand/gravel	
	B81-7	29/07/81	71° 24.75'	123° 34.78'	12.1	Airlift 2	NS	2	silt-clay/gravel	
	B81-7	29/07/81	71° 24.75'	123° 34.78'	12.1	UW Still 1	NS	NA	silt-clay/gravel	
	B81-7	29/07/81	71° 24.75'	123° 34.78'	12.1	UW Video 2	NS	NA	silt-clay/gravel	
	B81-8	29/07/81	71° 24.58'	123° 34.23'	12.1	Airlift 2	NS	2	silt-sand/gravel	
	B81-8	29/07/81	71° 24.58'	123° 34.23'	12.1	UW Still 1	NS	NA	silt-sand/gravel	
	B81-8	29/07/81	71° 24.58'	123° 34.23'	12.1	UW Video 2	NS	NA	silt-sand/gravel	
	B81-9	29/07/81	71° 24.42'	123° 33.85'	12.1	Airlift 2	NS	2	silt/gravel	
	B81-9	29/07/81	71° 24.42'	123° 33.85'	12.1	UW Still 1	NS	NA	silt/gravel	
	B81-9	29/07/81	71° 24.42'	123° 33.85'	12.1	UW Video 2	NS	NA	silt/gravel	
	B81-10	29/07/81	71° 24.25'	123° 33.45'	18.2	Airlift 2	NS	2	silt	
	B81-10	29/07/81	71° 24.25'	123° 33.45'	18.2	UW Still 1	NS	NA	silt	
	B81-10	29/07/81	71° 24.25'	123° 33.45'	18.2	UW Video 2	NS	NA	silt	
	BC81-1	28/07/81	71° 26.20'	123° 36.60'	10.6	Airlift 2	NS	2	sand	
	BC81-1	28/07/81	71° 26.20'	123° 36.60'	10.6	UW Still 1	NS	NA	sand	
	BC81-1	28/07/81	71° 26.20'	123° 36.60'	10.6	UW Video 2	NS	NA	sand	
	BC81-2	29/07/81	71° 24.07'	123° 33.10'	18.2	Airlift 2	NS	2	silt	
	BC81-2	29/07/81	71° 24.07'	123° 33.10'	18.2	UW Still 1	NS	NA	silt	
	BC81-2	29/07/81	71° 24.07'	123° 33.10'	18.2	UW Video 2	NS	NA	silt	
82-0093A	3	21/02/82	70° 01.00'	134° 19.50'	17	B-Ekm/500	NS	1	NS	* estimated position

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
82-0093B	3	16/04/82	70° 01.00'	134° 19.50'	17	B-Ekm/500	NS	2	clay	* estimated position
82-0094	C82-2	03/09/82	69° 33.23'	138° 48.70'	11.9	Airlift 1	NS	1	silt-clay, sand	
	C82-2	03/09/82	69° 33.23'	138° 48.70'	11.9	MVV/500	NS	4	silt-clay, sand	
	D82-2	03/09/82	69° 32.60'	138° 47.70'	11	Airlift 1	NS	1	sand, gravel, silt-clay	
	D82-2	03/09/82	69° 32.60'	138° 47.70'	11	MVV/500	NS	4	sand, gravel, silt-clay	
82-0095	K6	06/08/82	69° 06.02'	137° 59.62'	5	TBEkm/500	1230	3	silt, sand, gravel	* estimated position
	K7	06/08/82	69° 05.83'	137° 59.59'	5	TBEkm/500	1030	5	silt, sand, gravel	* estimated position
	K8	06/08/82	69° 05.76'	137° 59.51'	5	TBEkm/500	930	5	gravel, silt, sand	* estimated position
	S5	04/08/82	69° 19.96'	138° 44.63'	5	TBEkm/500	1300	5	sand	* estimated position
	S6	04/08/82	69° 19.73'	138° 44.62'	5	TBEkm/500	1200	5	sand	* estimated position
	S8	04/08/82	69° 22.09'	138° 45.15'	5.5	TBEkm/500	1600	5	sand	* estimated position
82-0097	TBE-1	31/07/82	69° 45.80'	135° 51.20'	11	MVV/500	NS	4	silt, sand	
	TBE-2	31/07/82	69° 42.80'	135° 48.00'	11	MVV/500	NS	4	silt	
	TBN-1	31/07/82	69° 45.90'	135° 55.30'	12	MVV/500	NS	4	silt, gravel	
	TBS-1	31/07/82	69° 44.10'	135° 59.00'	8	MVV/500	NS	4	sand, gravel	
	TBSC-1	31/07/82	69° 44.10'	135° 53.50'	8	MVV/500	NS	4	sand, silt	
	TBW-1	31/07/82	69° 45.25'	135° 59.00'	11	MVV/500	NS	4	silt, sand	
	TE2	24/07/82	69° 53.82'	136° 10.78'	20	MVV/500	NS	4	silt	
	TE2	24/07/82	69° 53.82'	136° 10.78'	20	UW Video 1	NS	NS	silt	
	TE2	24/07/82	69° 53.82'	136° 10.78'	20	UW Still 1	NS	NS	silt	
	TE3	24/07/82	69° 53.82'	136° 06.87'	20	MVV/500	NS	4	silt, sand	
	TE3	24/07/82	69° 53.82'	136° 06.87'	20	UW Still 1	NS	NS	silt, sand	
	TE3	24/07/82	69° 53.82'	136° 06.87'	20	UW Video 1	NS	NS	silt, sand	
	TN2	29/07/82	69° 54.12'	136° 11.65'	22	MVV/500	NS	4	silt	
	TN2	29/07/82	69° 54.12'	136° 11.65'	22	PG/500	NS	4	silt	
	TN2	29/07/82	69° 54.12'	136° 11.65'	22	UW Still 1	NS	NS	silt	
	TN2	29/07/82	69° 54.12'	136° 11.65'	22	UW Video 1	NS	NS	silt	
	TN3	28/07/82	69° 55.45'	136° 11.65'	22	MVV/500	NS	4	silt	
	TN3	28/07/82	69° 55.45'	136° 11.65'	22	PG/500	NS	4	silt	
	TN3	28/07/82	69° 55.45'	136° 11.65'	22	UW Video 1	NS	NS	silt	
	TN3	28/07/82	69° 55.45'	136° 11.65'	22	UW Still 1	NS	NS	silt	
	TS2	24/07/82	69° 53.52'	136° 11.65'	22	MVV/500	NS	4	silt	
	TS2	24/07/82	69° 53.52'	136° 11.65'	22	UW Video 1	NS	NS	silt	
	TS2	24/07/82	69° 53.52'	136° 11.65'	22	UW Still 1	NS	NS	silt	
	TS3	24/07/82	69° 52.17'	136° 11.65'	22	MVV/500	NS	4	silt	
	TS3	24/07/82	69° 52.17'	136° 11.65'	22	UW Still 1	NS	NS	silt	
	TS3	24/07/82	69° 52.17'	136° 11.65'	22	UW Video 1	NS	NS	silt	
	TW2	24/07/82	69° 53.82'	136° 12.42'	26	MVV/500	NS	4	silt	
	TW2	24/07/82	69° 53.82'	136° 11.65'	26	UW Video 1	NS	NS	silt	
	TW2	24/07/82	69° 53.82'	136° 11.65'	26	UW Still 1	NS	NS	silt	
	TW3	24/07/82	69° 53.82'	136° 16.33'	24	MVV/500	NS	4	silt	
	TW3	24/07/82	69° 53.82'	136° 16.33'	24	UW Still 1	NS	NS	silt	
	TW3	24/07/82	69° 53.82'	136° 16.33'	24	UW Video 1	NS	NS	silt	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
82-0098	HB1	06/08/82	69° 45.40'	132° 15.00'	2.4	TBEkm/500	NS	4	silt, clay	
	HB1	29/08/82	69° 45.40'	132° 15.00'	2.4	TBEkm/500	NS	5	silt, clay	
	HB2	06/08/82	69° 44.10'	132° 21.80'	1	TBEkm/500	NS	5	sand	
	HB2	29/08/82	69° 44.10'	132° 21.80'	1	TBEkm/500	NS	4	sand	
	HB3	06/08/82	69° 42.70'	132° 15.80'	1	TBEkm/500	NS	3	sand, silt, clay	
	HB3	29/08/82	69° 42.70'	132° 15.80'	1	TBEkm/500	NS	5	sand, silt, clay	
	HB4	08/08/82	69° 41.20'	132° 10.40'	2.3	TBEkm/500	NS	5	silt, clay, sand	
	HB4	29/08/82	69° 41.20'	132° 10.40'	2.3	TBEkm/500	NS	4	silt, clay, sand	
	HB5	08/08/82	69° 43.10'	132° 08.40'	2.5	TBEkm/500	NS	5	sand	
	HB5	29/08/82	69° 43.10'	132° 08.40'	2.5	TBEkm/500	NS	5	sand	
	HB6	07/08/82	69° 44.30'	132° 02.40'	3.5	TBEkm/500	NS	5	sand	
	HB6	28/08/82	69° 44.30'	132° 02.40'	3.5	TBEkm/500	NS	5	sand	
	HB7	07/08/82	69° 45.80'	131° 59.00'	3.5	TBEkm/500	NS	5	sand	
	HB7	28/08/82	69° 45.80'	131° 59.00'	3.5	TBEkm/500	NS	5	sand	
	HB8	08/08/82	69° 44.50'	132° 12.50'	4.7	TBEkm/500	NS	5	silt, clay, sand	
	HB8	28/08/82	69° 44.50'	132° 12.50'	4.7	TBEkm/500	NS	5	silt, clay, sand	
	HB9	07/08/82	69° 44.50'	132° 07.20'	5.6	TBEkm/500	NS	5	silt, clay	
	HB9	28/08/82	69° 44.50'	132° 07.20'	5.6	TBEkm/500	NS	5	silt, clay	
	HB10	07/08/82	69° 45.90'	132° 04.40'	6.5	TBEkm/500	NS	5	silt, clay	
	HB10	28/08/82	69° 45.90'	132° 04.40'	6.5	TBEkm/500	NS	5	silt, clay	
	MB1	24/07/82	69° 57.20'	131° 33.70'	0.2	TBEkm/500	NS	5	sand	
	MB1	17/08/82	69° 57.20'	131° 33.70'	0.2	TBEkm/500	NS	3	sand	
	MB2	24/07/82	69° 53.30'	131° 11.80'	1.2	TBEkm/500	NS	4	sand	
	MB2	17/08/82	69° 53.30'	131° 11.80'	1.2	TBEkm/500	NS	5	sand	
	MB3	24/07/82	69° 53.20'	131° 06.90'	2	TBEkm/500	NS	5	sand	
	MB3	17/08/82	69° 53.20'	131° 06.90'	2	TBEkm/500	NS	5	sand	
	MB4	26/07/82	69° 56.90'	131° 05.50'	1.3	TBEkm/500	NS	5	sand	
	MB4	17/08/82	69° 56.90'	131° 05.50'	1.3	TBEkm/500	NS	5	sand	
	MB5	25/07/82	69° 57.00'	131° 14.00'	11.5	TBEkm/500	NS	5	sand	
	MB5	18/08/82	69° 57.00'	131° 14.00'	11.5	TBEkm/500	NS	5	sand	
	MB6	25/07/82	69° 58.50'	131° 09.10'	11.2	TBEkm/500	NS	5	silt, clay, sand	
	MB6	19/08/82	69° 58.50'	131° 09.10'	11.2	TBEkm/500	NS	5	silt, clay, sand	
	MB7	25/07/82	69° 59.10'	131° 04.10'	3.1	TBEkm/500	NS	5	sand	
	MB7	17/08/82	69° 59.10'	131° 04.10'	3.1	TBEkm/500	NS	5	sand	
	MB8	25/07/82	70° 02.10'	131° 02.30'	8.9	TBEkm/500	NS	5	sand	
	MB8	18/08/82	70° 02.10'	131° 02.30'	8.9	TBEkm/500	NS	4	sand	
	MB9	25/07/82	70° 04.20'	131° 01.00'	1.8	TBEkm/500	NS	4	sand	
	MB9	17/08/82	70° 04.20'	131° 01.00'	1.8	TBEkm/500	NS	5	sand	
	MB10	24/07/82	69° 57.90'	131° 18.90'	3.9	TBEkm/500	NS	5	silt, clay	
	MB10	18/08/82	69° 57.90'	131° 18.90'	3.9	TBEkm/500	NS	3	silt, clay	
	MB11	24/07/82	69° 55.70'	131° 10.50'	5.5	TBEkm/500	NS	4	sand, silt, clay	
	MB11	18/08/82	69° 55.70'	131° 10.50'	5.5	TBEkm/500	NS	4	sand, silt, clay	
	MB12	26/07/82	69° 56.80'	131° 09.10'	5.4	TBEkm/500	NS	5	sand	
	MB12	18/08/82	69° 56.80'	131° 09.10'	5.4	TBEkm/500	NS	5	sand	
	MB13	18/08/82	69° 56.40'	131° 23.90'	1.2	TBEkm/500	NS	5	silt, clay, sand	
	MB14	18/08/82	69° 56.50'	131° 18.90'	1.1	TBEkm/500	NS	5	silt, clay, sand	
	MB15	18/08/82	69° 55.50'	131° 15.00'	1.1	TBEkm/500	NS	4	sand	
	MB16	22/08/82	69° 54.40'	131° 10.50'	2.2	TBEkm/500	NS	5	sand	
	MB17	22/08/82	69° 57.90'	131° 06.70'	2.8	TBEkm/500	NS	5	sand	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
82-0098 (Cont'd.)	MB18	22/08/82	69° 59.30'	131° 07.00'	8.3	TBEkm/500	NS	5	sand	
	MB19	22/08/82	69° 56.80'	131° 21.80'	1.6	TBEkm/500	NS	4	sand	
	MB20	22/08/82	69° 57.90'	131° 11.00'	10.6	TBEkm/500	NS	5	silt, clay, sand	
	MB21	23/08/82	70° 00.20'	131° 08.80'	10.4	TBEkm/500	NS	5	sand, silt, clay	
	MB22	23/08/82	69° 58.50'	131° 14.20'	4.4	TBEkm/500	NS	5	sand, silt, clay	
	MB23	22/08/82	69° 57.60'	131° 21.30'	0.6	TBEkm/500	NS	5	sand	
	TH1	18/07/82	69° 27.45'	133° 00.38'	2.7	TBEkm/500	NS	5	silt, clay, sand	
	TH1	25/08/82	69° 27.45'	133° 00.38'	2.7	TBEkm/500	NS	5	silt, clay, sand	
	TH2	17/07/82	69° 27.13'	133° 00.20'	11.5	TBEkm/500	NS	5	silt, clay	
	TH2	25/08/82	69° 27.13'	133° 00.20'	11.5	TBEkm/500	NS	5	silt, clay	
	TH3	18/07/82	69° 26.81'	133° 01.20'	7.4	TBEkm/500	NS	5	silt, clay	
	TH3	25/08/82	69° 26.81'	133° 01.20'	7.4	TBEkm/500	NS	4	silt, clay	
	TH4	18/07/82	69° 27.47'	132° 59.13'	4.8	TBEkm/500	NS	5	sand	
	TH4	25/08/82	69° 27.47'	132° 59.13'	4.8	TBEkm/500	NS	5	sand	
	TH5	19/07/82	69° 26.47'	132° 59.45'	2.5	TBEkm/500	NS	5	silt, clay	
	TH5	26/08/82	69° 26.47'	132° 59.45'	2.5	TBEkm/500	NS	5	silt, clay	
	TH6	19/07/82	69° 25.97'	132° 59.27'	2.8	TBEkm/500	NS	5	sand	
	TH6	26/08/82	69° 25.97'	132° 59.27'	2.8	TBEkm/500	NS	5	sand	
	TH7	17/07/82	69° 24.95'	132° 59.27'	2.1	TBEkm/500	NS	5	sand	
	TH7	25/08/82	69° 24.95'	132° 59.27'	2.1	TBEkm/500	NS	5	sand	
	TH8	17/07/82	69° 24.71'	132° 58.77'	9.3	TBEkm/500	NS	5	silt, clay	
	TH8	25/08/82	69° 24.71'	132° 58.77'	9.3	TBEkm/500	NS	5	silt, clay	
	TH9	17/07/82	69° 25.27'	132° 57.87'	1.7	TBEkm/500	NS	5	sand	
	TH9	25/08/82	69° 25.27'	132° 57.87'	1.7	TBEkm/500	NS	5	sand	
	TH10	17/07/82	69° 25.57'	132° 58.05'	8.8	TBEkm/500	NS	5	silt, clay, sand	
	TH10	26/08/82	69° 25.57'	132° 58.05'	8.8	TBEkm/500	NS	5	silt, clay, sand	
	TH11	17/07/82	69° 26.23'	132° 57.56'	9.3	TBEkm/500	NS	5	silt, clay	
	TH11	25/08/82	69° 26.23'	132° 57.56'	9.3	TBEkm/500	NS	5	silt, clay	
	TH12	17/07/82	69° 26.82'	132° 58.50'	5.9	TBEkm/500	NS	5	silt, clay	
	TH12	25/08/82	69° 26.82'	132° 58.50'	5.9	TBEkm/500	NS	5	silt, clay	
	TP1	11/08/82	69° 43.30'	132° 38.00'	6.4	TBEkm/500	NS	5	silt, clay	
	TP1	31/08/82	69° 43.30'	132° 38.00'	6.4	TBEkm/500	NS	5	silt, clay	
	TP2	11/08/82	69° 42.90'	132° 39.50'	10.5	TBEkm/500	NS	5	silt, clay	
	TP2	31/08/82	69° 42.90'	132° 39.50'	10.5	TBEkm/500	NS	5	silt, clay	
	TP3	13/08/82	69° 41.90'	132° 39.50'	4	TBEkm/500	NS	4	sand	
	TP3	01/09/82	69° 41.90'	132° 39.50'	4	TBEkm/500	NS	5	sand	
	TP4	13/08/82	69° 42.60'	132° 37.90'	4.4	TBEkm/500	NS	5	sand, silt	
	TP4	01/09/82	69° 42.60'	132° 37.90'	4.4	TBEkm/500	NS	4	sand, silt	
	TP5	13/08/82	69° 43.50'	132° 35.20'	4.6	TBEkm/500	NS	5	sand	
	TP5	01/09/82	69° 43.50'	132° 35.20'	4.6	TBEkm/500	NS	5	sand	
	TP6	12/08/82	69° 42.10'	132° 35.80'	3.4	TBEkm/500	NS	5	sand	
	TP6	01/09/82	69° 42.10'	132° 35.80'	3.4	TBEkm/500	NS	5	sand	
	TP7	12/08/82	69° 42.50'	132° 34.60'	2.7	TBEkm/500	NS	5	sand, silt	
	TP7	01/09/82	69° 42.50'	132° 34.60'	2.7	TBEkm/500	NS	5	sand, silt	
	TP8	12/08/82	69° 43.30'	132° 33.90'	1.9	TBEkm/500	NS	5	silt, sand	
	TP8	01/09/82	69° 43.30'	132° 33.90'	1.9	TBEkm/500	NS	5	silt, sand	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
83-0046	BR83-6	31/07/83	71° 24.90'	123° 35.23'	12.8	Airlift 2	NS	2	sand, silt-clay, gravel	
	BR83-6	31/07/83	71° 24.90'	123° 35.23'	12.8	MVV/500	NS	4	sand, silt-clay, gravel	
	BR83-6	31/07/83	71° 24.90'	123° 35.23'	12.8	UW Video 2	NS	NA	sand, silt-clay, gravel	
	BR83-6	31/07/83	71° 24.90'	123° 35.23'	12.8	UW Still 1	NS	NA	sand, silt-clay, gravel	
	BR83-8	31/07/83	71° 24.60'	123° 34.60'	13.7	Airlift 2	NS	2	sand, silt-clay, gravel	
	BR83-8	31/07/83	71° 24.60'	123° 34.60'	13.7	MVV/500	NS	4	sand, silt-clay, gravel	
	BR83-8	31/07/83	71° 24.60'	123° 34.60'	13.7	PG/500	NS	4	sand, silt-clay, gravel	
	BR83-8	31/07/83	71° 24.60'	123° 34.60'	13.7	UW Video 2	NS	NA	sand, silt-clay, gravel	
	BR83-8	31/07/83	71° 24.60'	123° 34.60'	13.7	UW Still 1	NS	4	sand, silt-clay, gravel	
86-0001	1-1	28/08/86	70° 38.55'	135° 50.58'	236	SmMac/500	0309	1	"clay/mud"	
	1-1	28/08/86	70° 39.38'	135° 49.95'	272-279	OTrawl3	1556	1	NS	
	1-2	28/08/86	70° 38.33'	135° 50.22'	226	SmMac/500	0628	1	"clay/mud"	
	1-2	28/08/86	70° 39.13'	135° 46.57'	232-234	OTrawl3	1714	1	NS	
	1-3	28/08/86	70° 38.13'	135° 50.00'	217	SmMac/500	0544	1	"clay/mud"	
	1-3	28/08/86	70° 38.65'	135° 49.58'	234-237	OTrawl3	1839	1	NS	
	1-4	28/08/86	70° 37.88'	135° 50.00'	205	SmMac/500	0445	1	"clay/mud"	
	1-4	28/08/86	70° 38.43'	135° 52.47'	239-244	OTrawl3	2049	1	NS	
	1-5	28/08/86	70° 37.83'	135° 51.66'	211	SmMac/500	0359	1	"clay/mud"	
	1-5	28/08/86	70° 38.80'	135° 50.33'	249-250	OTrawl3	2237	1	NS	
	1-6	27/08/86	70° 38.78'	135° 50.83'	247	SmMac/500	1414	1	"clay/mud"	
	1-7	28/08/86	70° 39.05'	135° 49.78'	257	SmMac/500	1245	1	"clay"	
	1-8	28/08/86	70° 38.90'	135° 48.35'	240	SmMac/500	1217	1	NS	
	1-9	28/08/86	70° 38.68'	135° 49.78'	240	SmMac/500	0215	1	"clay/mud"	
	1-10	28/08/86	70° 38.17'	135° 49.02'	211	SmMac/500	0713	1	"mud"	
	1-11	28/08/86	70° 38.15'	135° 47.88'	200	SmMac/500	0845	1	"mud"	
	1-12	28/08/86	70° 37.92'	135° 47.70'	186	SmMac/500	0810	1	NS	
	1-13	28/08/86	70° 37.33'	135° 47.32'	141	SmMac/500	0745	1	"mud/clay"	
	1-14	27/08/86	70° 37.03'	135° 51.73'	163	SmMac/500	0735	1	"mud/clay"	
	1-15	27/08/86	70° 37.75'	135° 51.82'	207	SmMac/500	0818	1	"mud/clay"	
	1-16	27/08/86	70° 37.87'	135° 52.93'	218	SmMac/500	0851	1	"mud/clay"	
	1-17	27/08/86	70° 38.38'	135° 53.47'	240	SmMac/500	0925	1	"mud"	
	1-18	27/08/86	70° 38.63'	135° 52.95'	249	SmMac/500	1001	1	"mud/clay"	
	1-19	27/08/86	70° 38.85'	135° 54.33'	268	SmMac/500	1034	1	"mud"	
	1-20	27/08/86	70° 39.13'	135° 54.57'	283	SmMac/500	1106	1	"mud/clay"	
	1-21	27/08/86	70° 39.32'	135° 52.38'	275	SmMac/500	1335	1	"mud"	
	1-22	27/08/86	70° 39.65'	135° 52.47'	295	SmMac/500	1140	1	"mud/clay"	
	1-23	27/08/86	70° 39.72'	135° 51.25'	292	SmMac/500	1217	1	"clay/mud"	
	1-24	28/08/86	70° 39.70'	135° 49.53'	283	SmMac/500	1350	1	"clay"	
	1-25	28/08/86	70° 39.37'	135° 49.50'	270	SmMac/500	1323	1	"clay"	

TABLE 3. SUMMARY OF STATION INFORMATION BY DATA SET

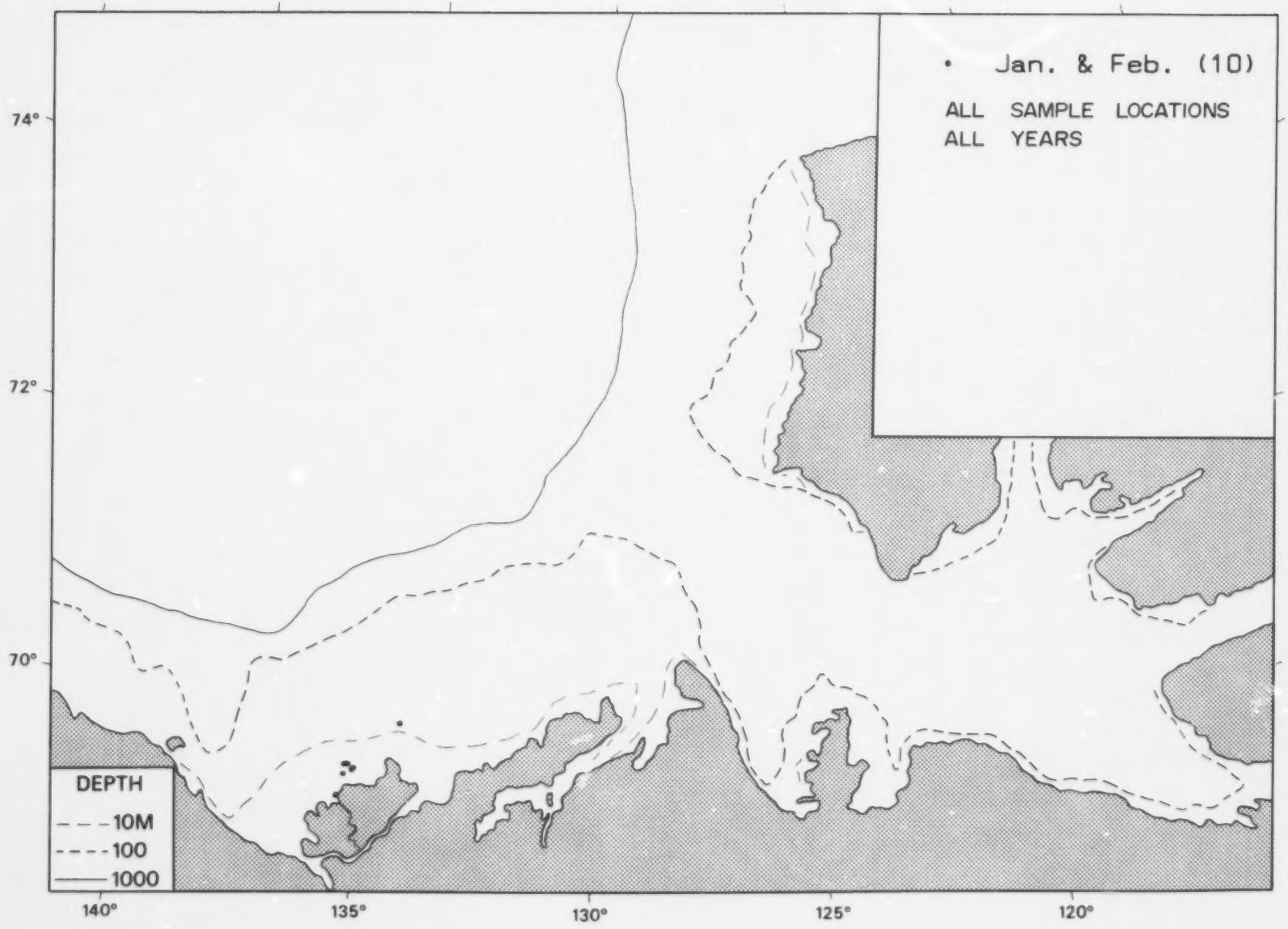
Data Set I.D.	Station I.D.	Date(s)	Latitude (N)	Longitude (W)	Depth (m)	Gear I.D.	Time (GMT)	No. Reps.	Substrate	Remarks
86-0001 (Cont'd.)	1-26	28/08/86	70° 39.15'	135° 48.37'	252	SmMac/500	1135	1	NS	
	1-27	28/08/86	70° 39.10'	135° 47.70'	244	SmMac/500	1104	1	NS	
	1-28	28/08/86	70° 39.12'	135° 46.08'	231	SmMac/500	1023	1	"mud"	
	1-29	28/08/86	70° 39.88'	135° 46.17'	222	SmMac/500	0950	1	NS	
	1-30	28/08/86	70° 38.65'	135° 47.70'	222	SmMac/500	0917	1	"mud/clay"	
	2-1	25/08/86	69° 39.57'	138° 29.92'	148	SmMac/500	2349	1	"mud-clay"	
	2-1	24/08/86	69° 38.85'	138° 30.05'	141-148	OTrawl3	1630	1	NS	
	2-2	25/08/86	69° 39.38'	138° 28.55'	147	SmMac/500	0022	1	"mud/clay"	
	2-2	24/08/86	69° 39.73'	138° 29.93'	148-156	OTrawl3	1857	1	NS	
	2-3	25/08/86	69° 36.90'	138° 28.66'	148	SmMac/500	0053	1	"mud/clay"	
	2-4	25/08/86	69° 39.88'	138° 28.73'	149	SmMac/500	0118	1	"mud"	
	2-5	25/08/86	69° 40.07'	138° 28.35'	150	SmMac/500	0142	1	"mud/clay"	
	2-5	26/08/86	69° 41.22'	138° 28.22'	151-154	OTrawl3	0415	1	NS	
	2-6	25/08/86	69° 40.28'	138° 27.95'	151	SmMac/500	0210	1	"clay/mud"	
	2-6	26/08/86	69° 40.10'	138° 28.63'	145-151	OTrawl3	0545	1	NS	
	2-7	26/08/86	69° 40.70'	138° 29.12'	154	SmMac/500	0727	1	"mud/clay"	
	2-8	25/08/86	69° 40.15'	138° 30.52'	151	SmMac/500	2009	1	"mud/clay"	
	2-9	25/08/86	69° 39.90'	138° 30.99'	150	SmMac/500	2034	1	"mud/clay"	
	2-10	25/08/86	69° 40.45'	138° 31.77'	152	SmMac/500	1927	1	"mud-clay"	
	2-11	25/08/86	69° 40.45'	138° 32.60'	152	SmMac/500	1511	1	"mud-clay"	
	2-12	25/08/86	69° 40.57'	138° 31.87'	154	SmMac/500	1836	1	"mud"	
	2-13	25/08/86	69° 41.13'	138° 33.03'	156	SmMac/500	1605	1	"mud-clay"	
	2-14	25/08/86	69° 41.12'	138° 31.97'	156	SmMac/500	1655	1	"mud"	
	2-15	25/08/86	69° 41.40'	138° 32.10'	157	SmMac/500	1732	1	NS	
	2-16	26/08/86	69° 41.00'	138° 30.53'	156	SmMac/500	1805	1	"mud"	
	2-17	26/08/86	69° 41.02'	138° 29.05'	155	SmMac/500	0803	1	"mud/clay"	
	2-18	26/08/86	69° 41.33'	138° 27.57'	156	SmMac/500	0832	1	"mud/clay"	
	2-19	26/08/86	69° 40.55'	138° 26.75'	152	SmMac/500	0858	1	"mud/clay"	
	2-20	26/08/86	69° 39.85'	138° 26.93'	149	SmMac/500	0924	1	"mud-clay"	
	2-21	26/08/86	69° 39.55'	138° 25.70'	147	SmMac/500	1013	1	"mud/clay"	
	2-22	26/08/86	69° 39.57'	138° 26.62'	148	SmMac/500	0951	1	"mud/clay"	
	2-23	26/08/86	69° 39.37'	138° 27.50'	147	SmMac/500	1043	1	"mud/clay"	
	2-24	25/08/86	69° 38.97'	138° 29.99'	145	SmMac/500	2318	1	"clay/mud"	
	2-25	25/08/86	69° 38.58'	138° 31.50'	140	SmMac/500	2221	1	"mud/clay"	
	2-26	25/08/86	69° 38.75'	138° 31.53'	143	SmMac/500	2155	1	"mud/clay"	
	2-27	25/08/86	69° 38.90'	138° 33.10'	142	SmMac/500	1326	1	"mud-clay"	
	2-28	25/08/86	69° 39.33'	138° 32.15'	146	SmMac/500	2127	1	"mud/clay"	
	2-29	25/08/86	69° 39.70'	138° 32.28'	148	SmMac/500	2102	1	"mud/clay"	
	2-30	25/08/86	69° 39.38'	138° 33.38'	149	SmMac/500	1425	1	"mud-clay"	

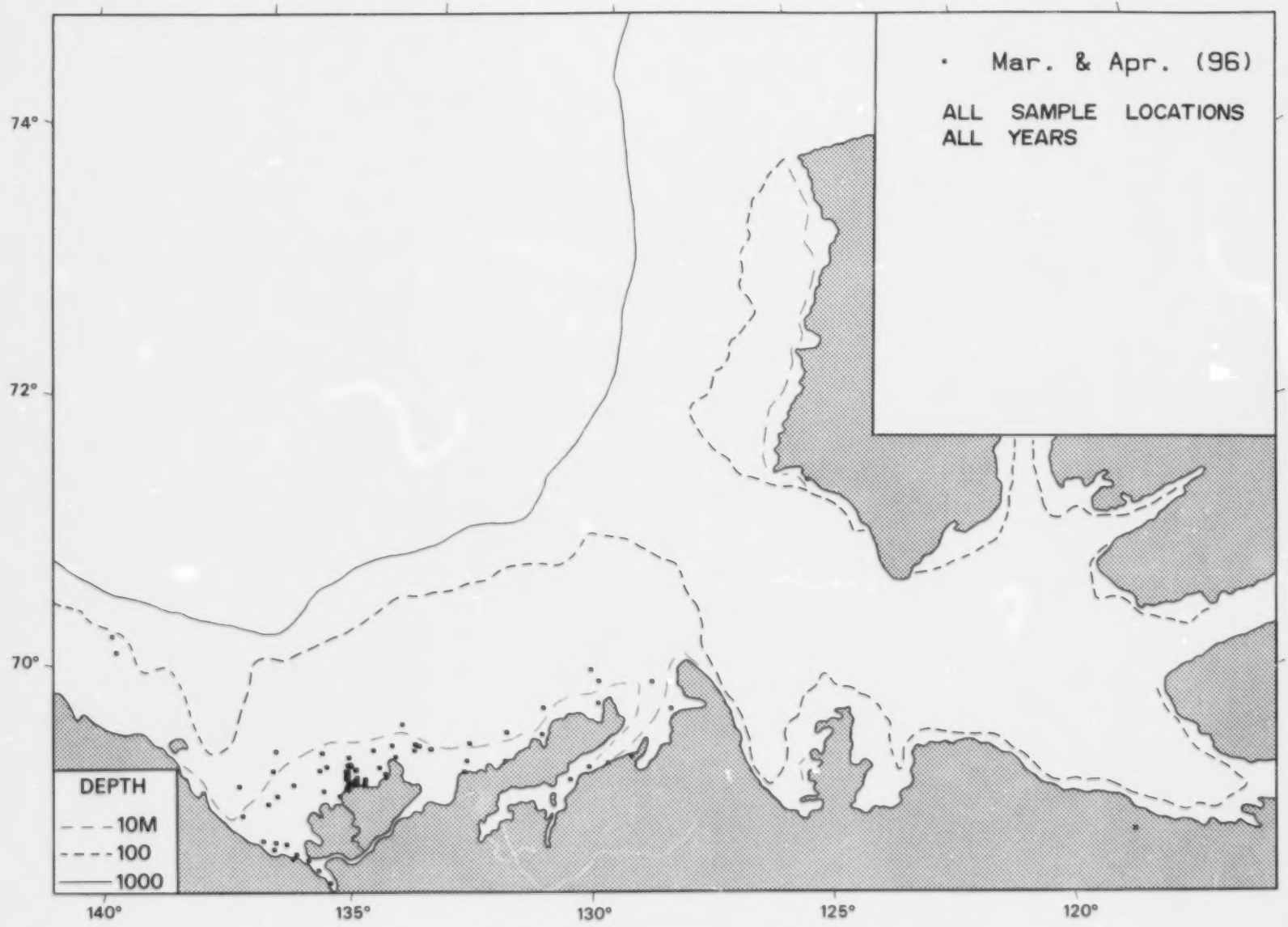
11. MAPS

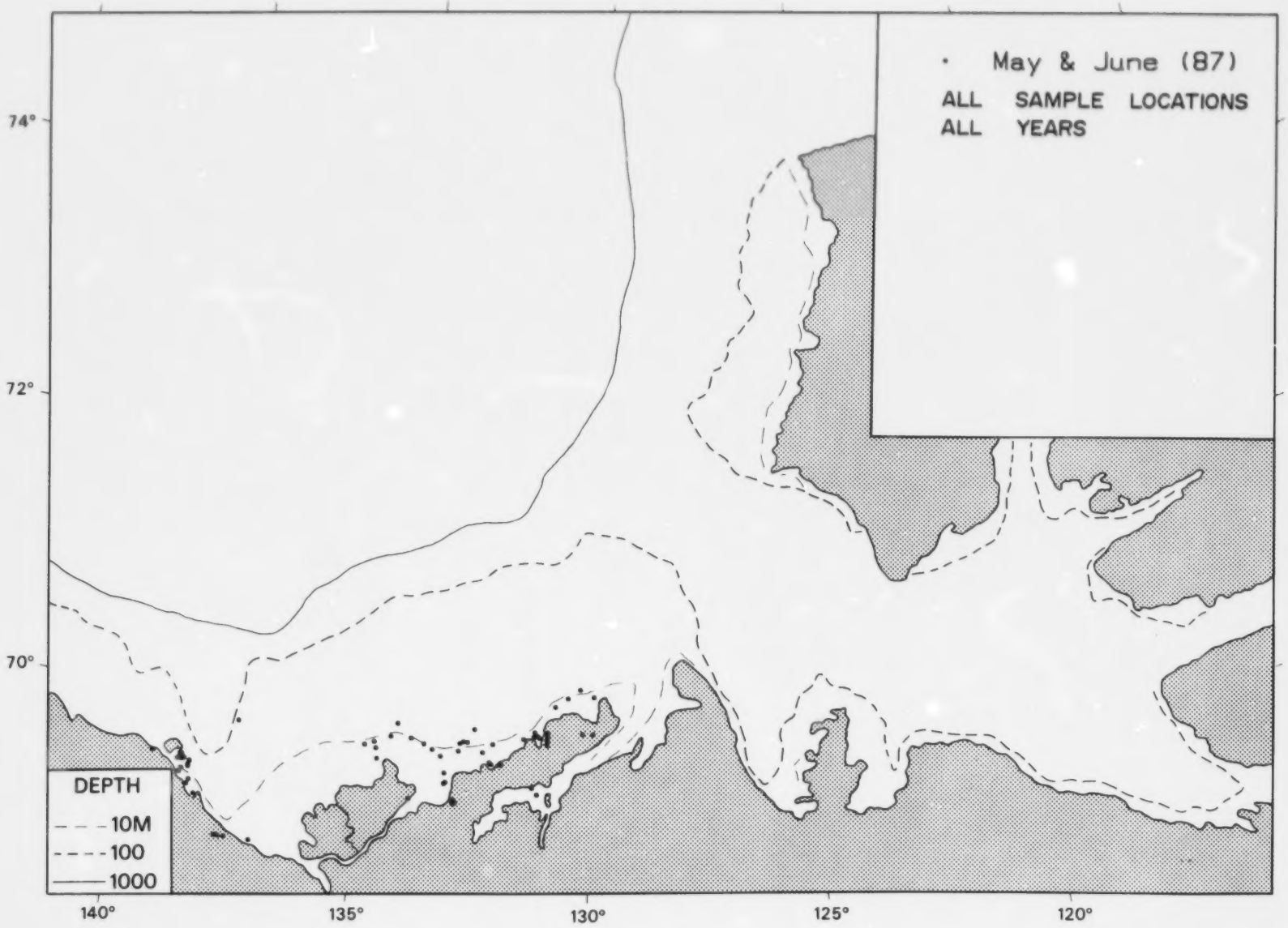
11.1 LOCATIONS OF MARINE ZOOBENTHIC SAMPLING STATIONS FOR BI-MONTHLY PERIODS

( ) indicates the number of unique points which are plotted on the maps. Note that a single symbol may represent more than one station, due to close proximity or repetitive sampling at that location.

The purpose of these maps is to illustrate the distribution of sampling effort. Shorelines of the maps have been 'simplified' using a computer smoothing algorithm and some inaccuracies in the position of the shoreline are apparent along the Yukon Coast and Tuktoyaktuk Peninsula. Station positions are plotted relative to the coordinate system rather than the coastline.


• Jan. & Feb. (10)
ALL SAMPLE LOCATIONS
ALL YEARS
74°
72°
70°
DEPTH
10M
100
1000
140°
135°
130°
125°
120°


· Mar. & Apr. (96)
ALL SAMPLE LOCATIONS
ALL YEARS
74°
72°
70°
DEPTH
10M
100
1000
140°
135°
130°
125°
120°


· May & June (87)
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ALL YEARS
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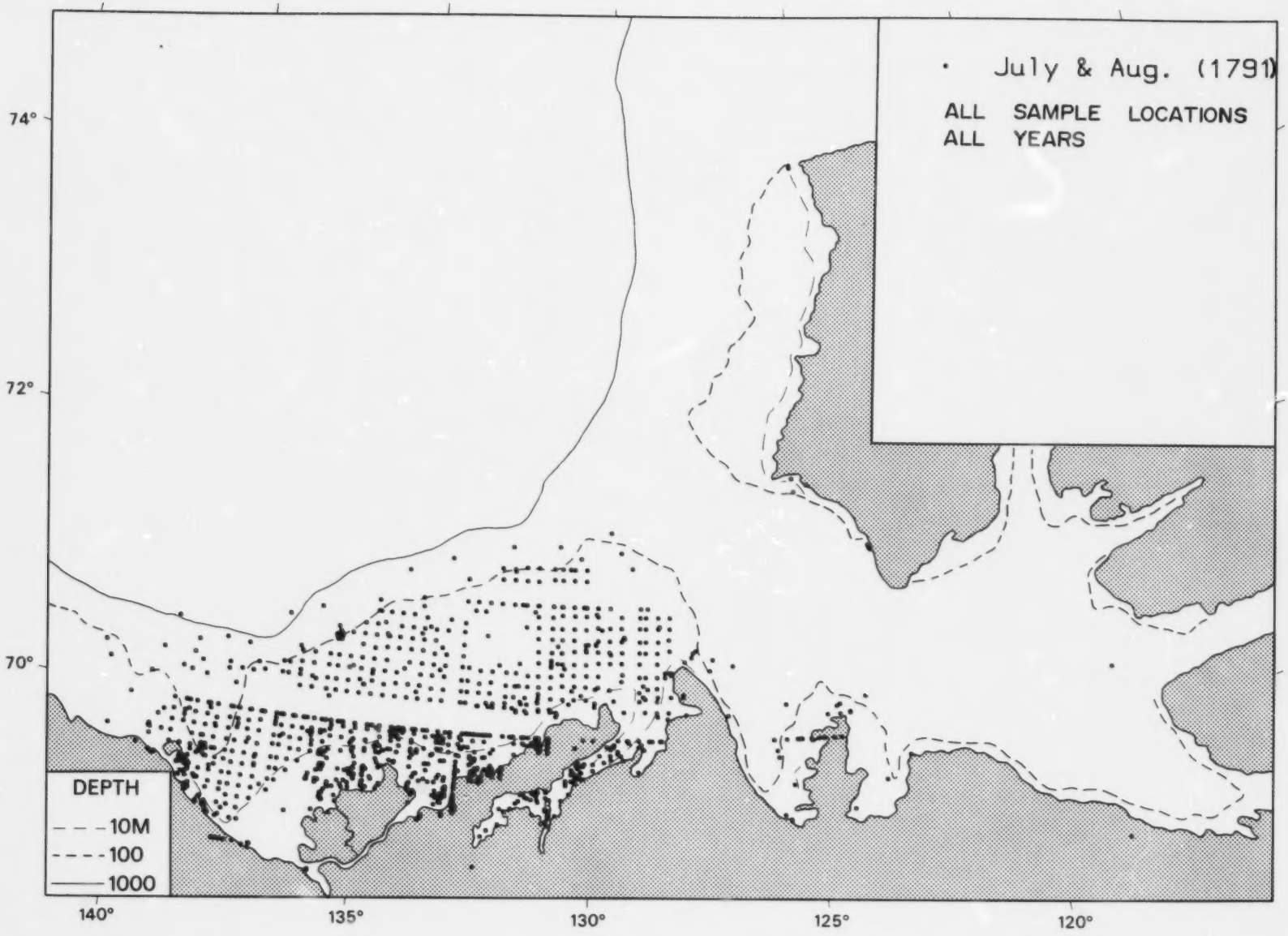
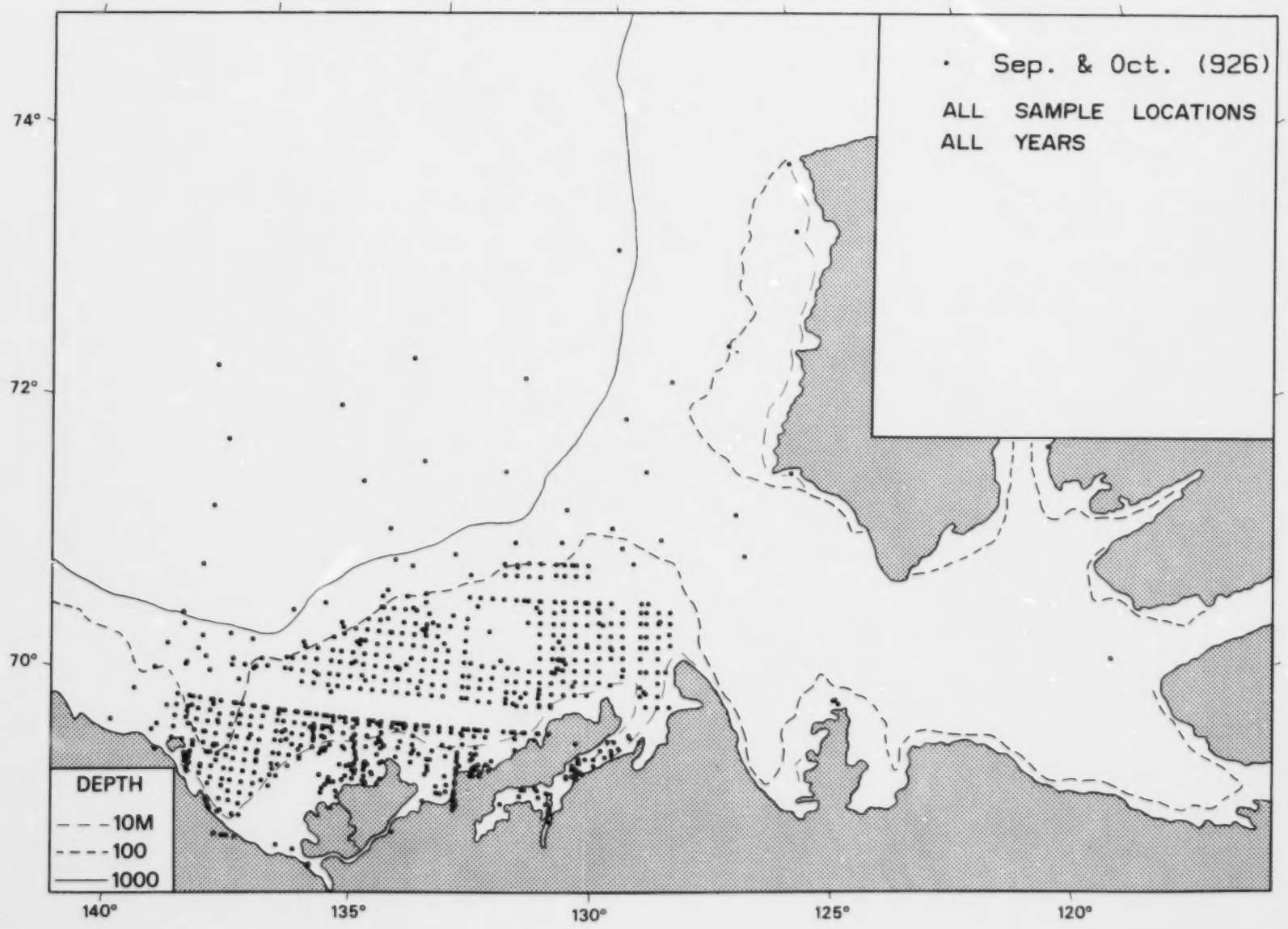
72°
70°
DEPTH
10M
100
1000
140°
135°
130°
125°
120°


· July & Aug. (1791)
ALL SAMPLE LOCATIONS
ALL YEARS
74°
72°
70°
DEPTH
10M
100
1000
140°
135°
130°
125°
120°


· Sep. & Oct. (926)
ALL SAMPLE LOCATIONS
ALL YEARS
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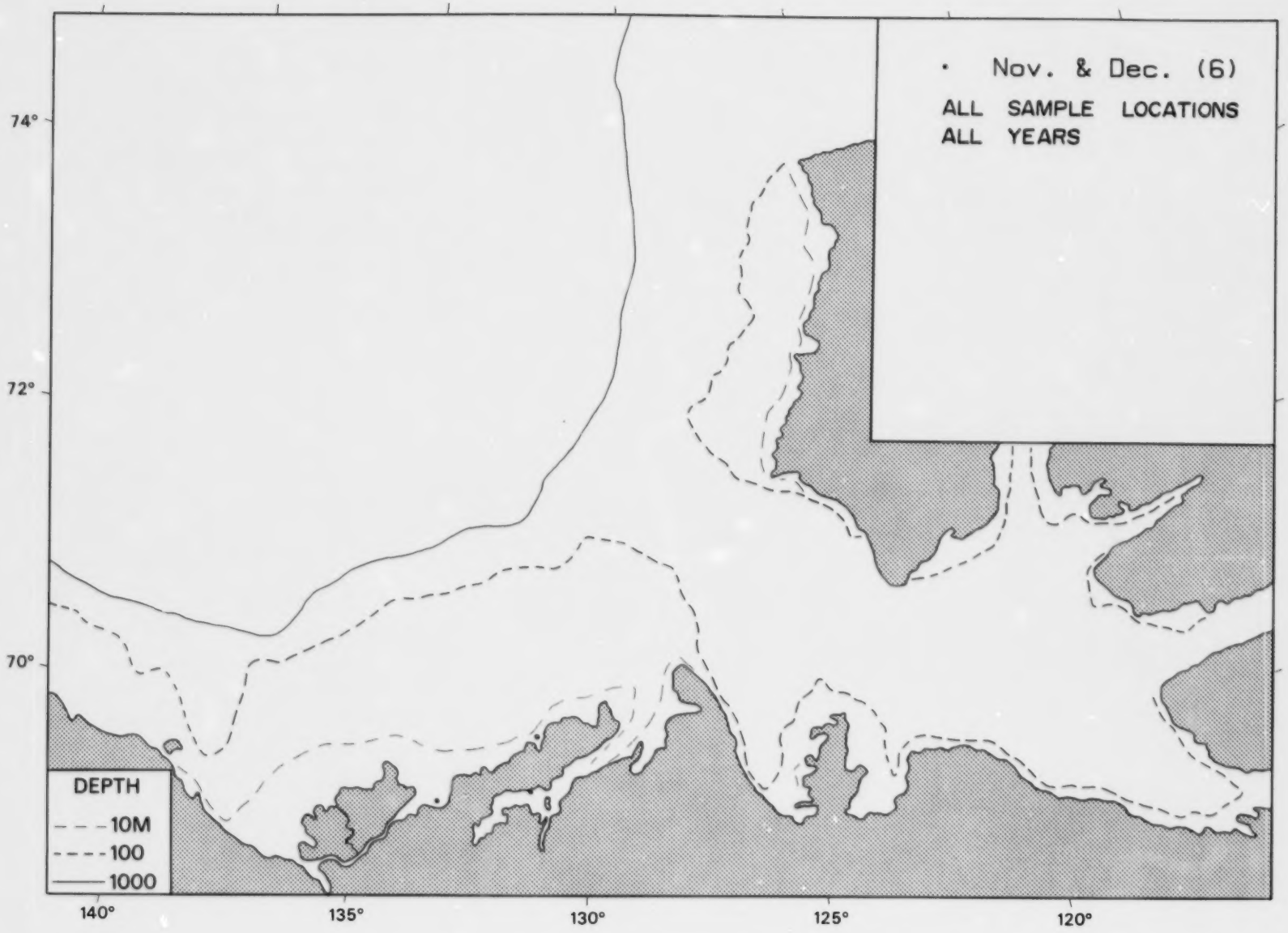
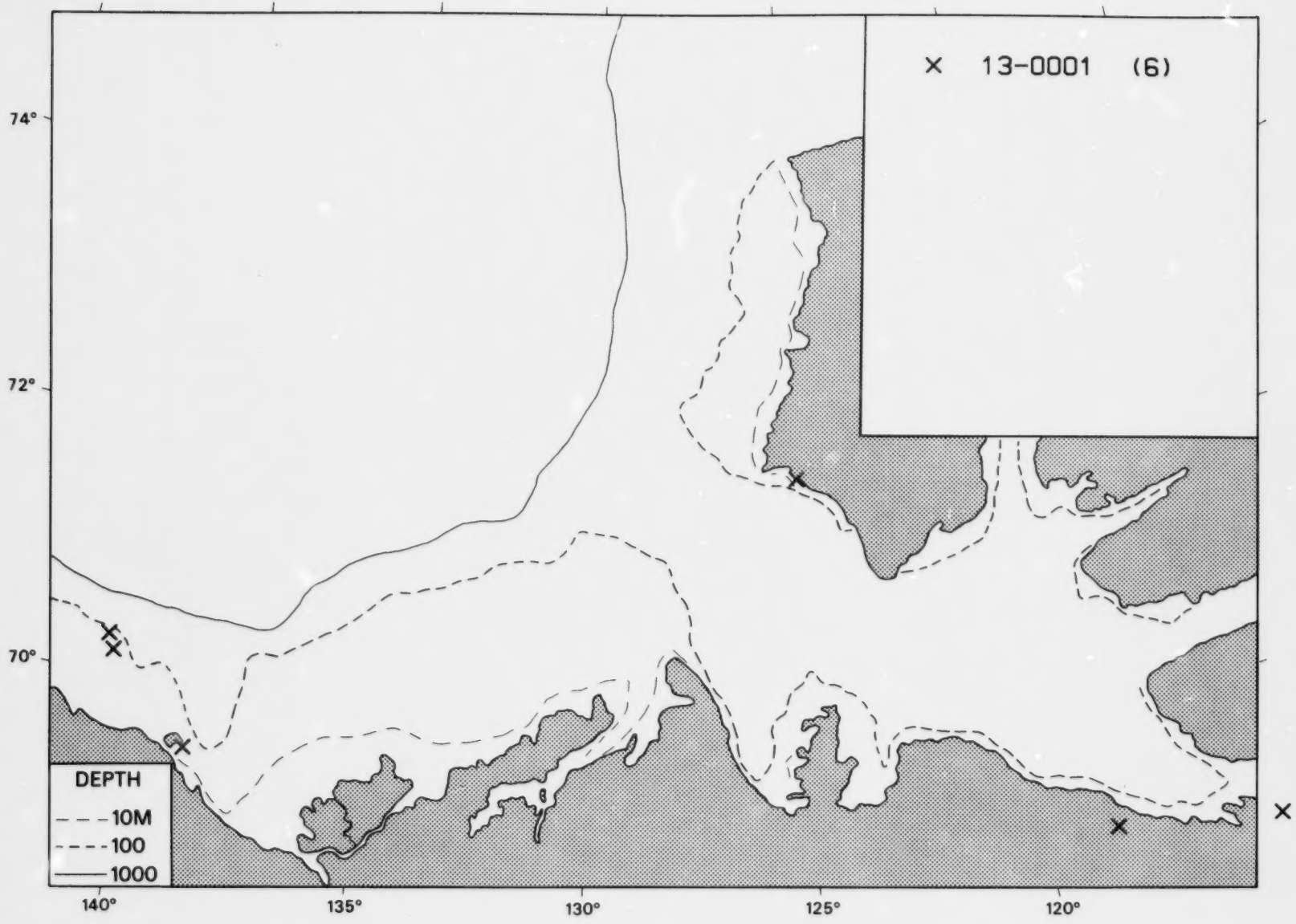
72°
70°
DEPTH
10M
100
1000
140°
135°
130°
125°
120°


· Nov. & Dec. (6)
ALL SAMPLE LOCATIONS
ALL YEARS
74°
72°
70°
DEPTH
10M
100
1000
140°
135°
130°
125°
120°

11.2 LOCATIONS OF MARINE ZOOBENTHIC SAMPLING STATIONS, CHRONOLOGICALLY BY DATA SET

See the note at the preface to Section 11 regarding the maps.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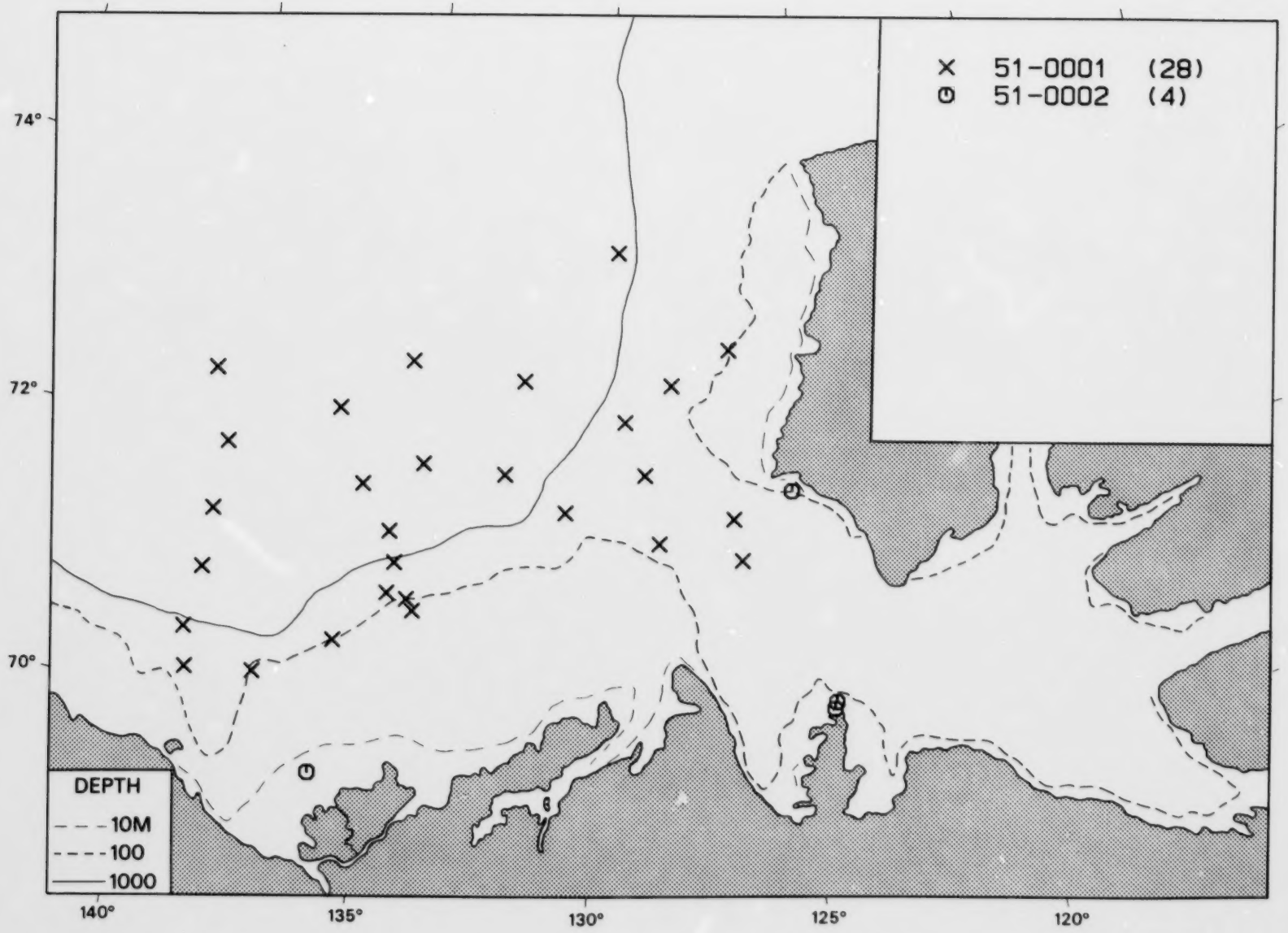
72°
70°
DEPTH
10M
100
1000
140°
135°
130°
125°
120°


51-0001 (28)
51-0002 (4)
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70°
DEPTH
10M
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1000
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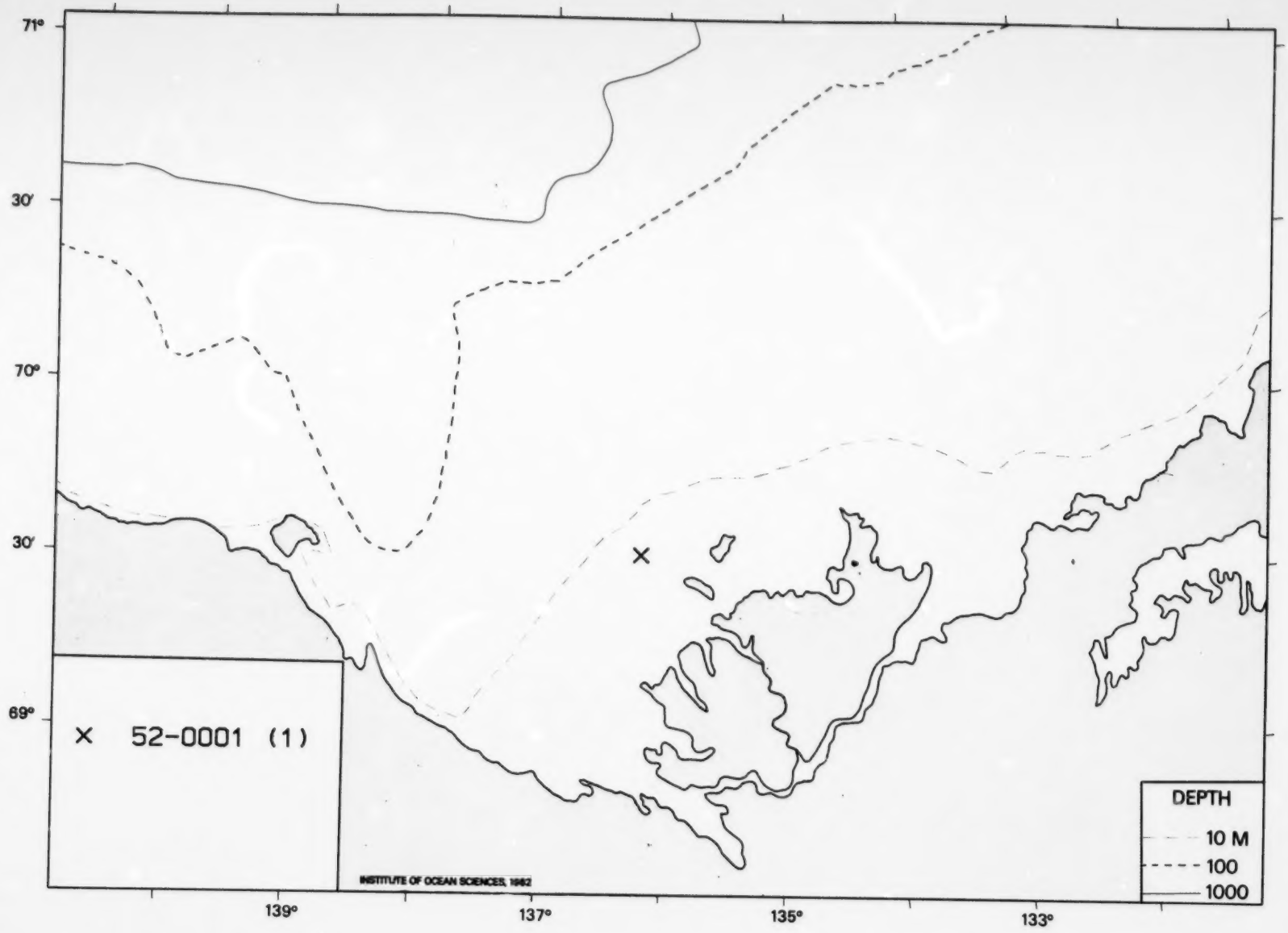
125°
120°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69°
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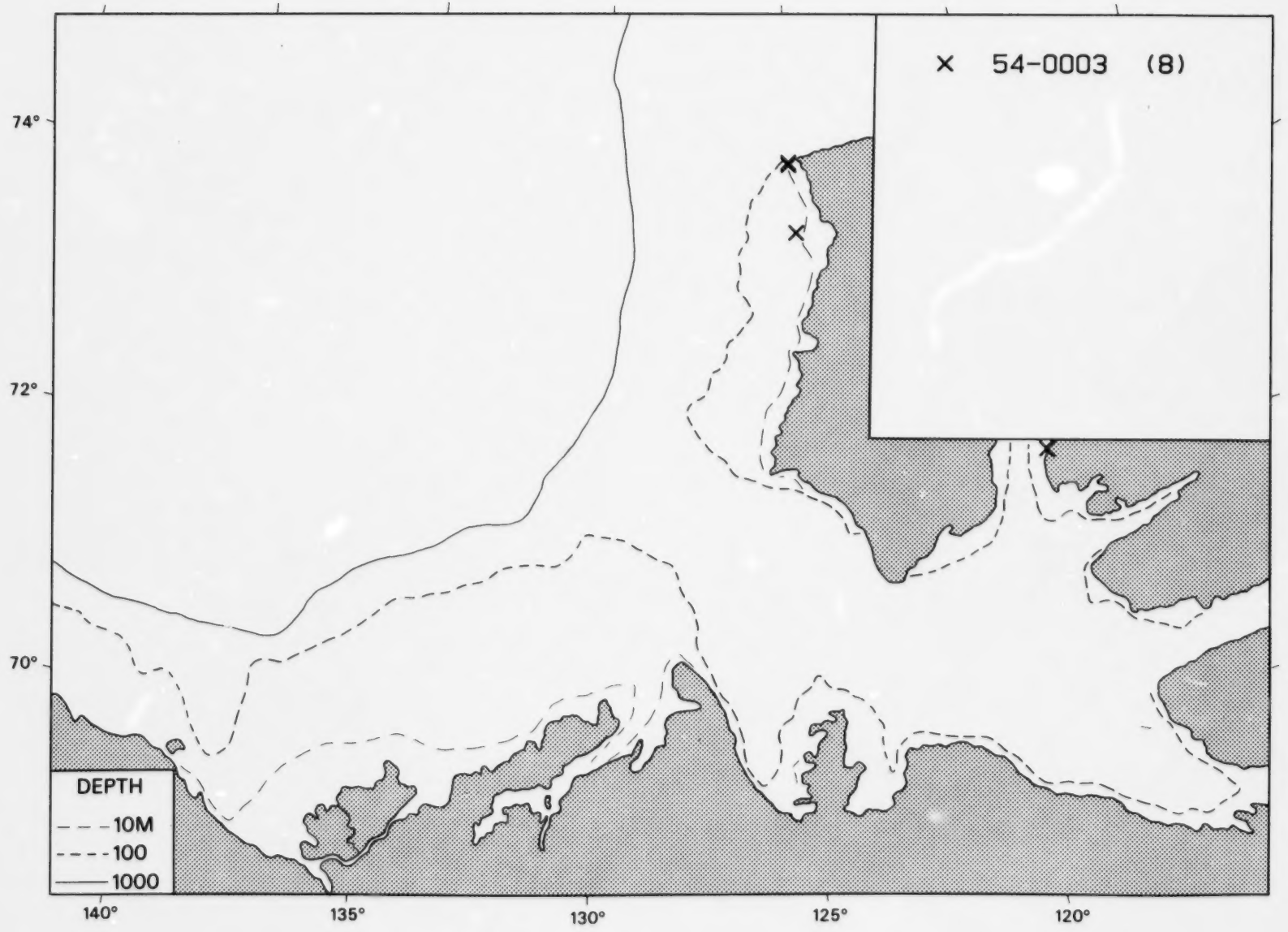
INSTITUTE OF OCEAN SCIENCES, 1982
139°
137°
135°
133°
DEPTH
10 M
100
1000


× 54-0003 (8)
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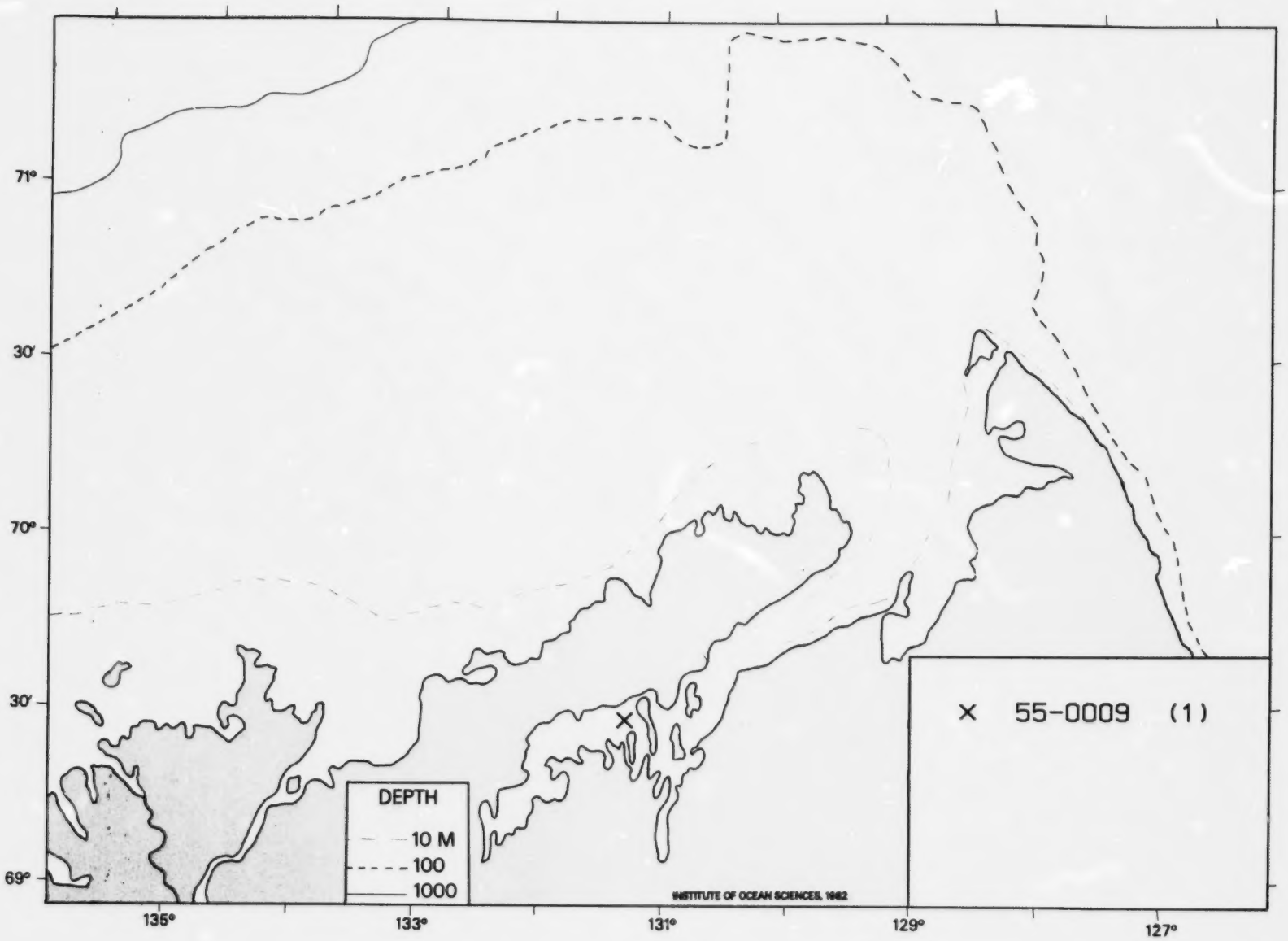
135°
130°
125°
120°
DEPTH
10M
100
1000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30'
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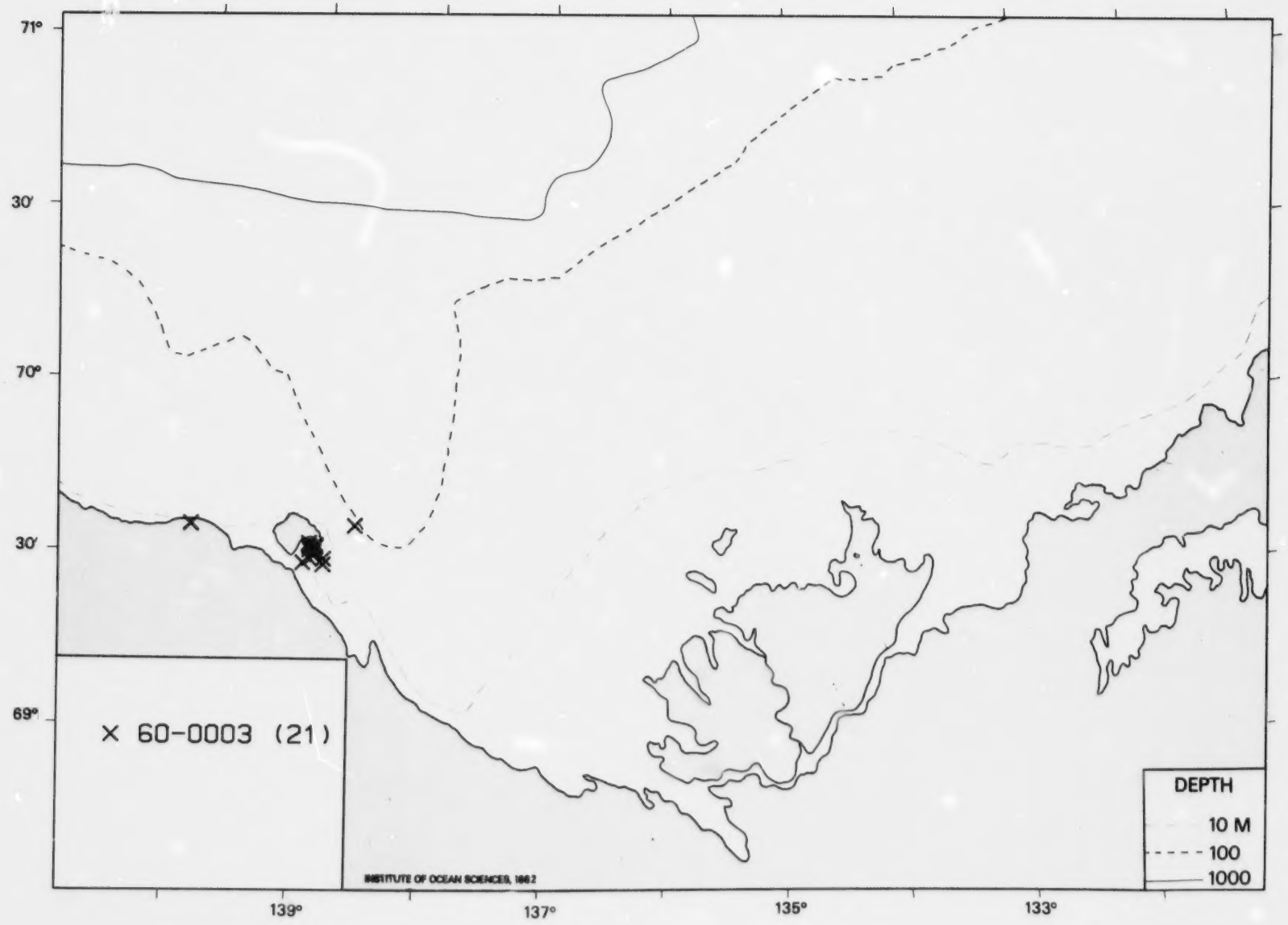
135°
133°
131°
129°
127°
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
× 55-0009 (1)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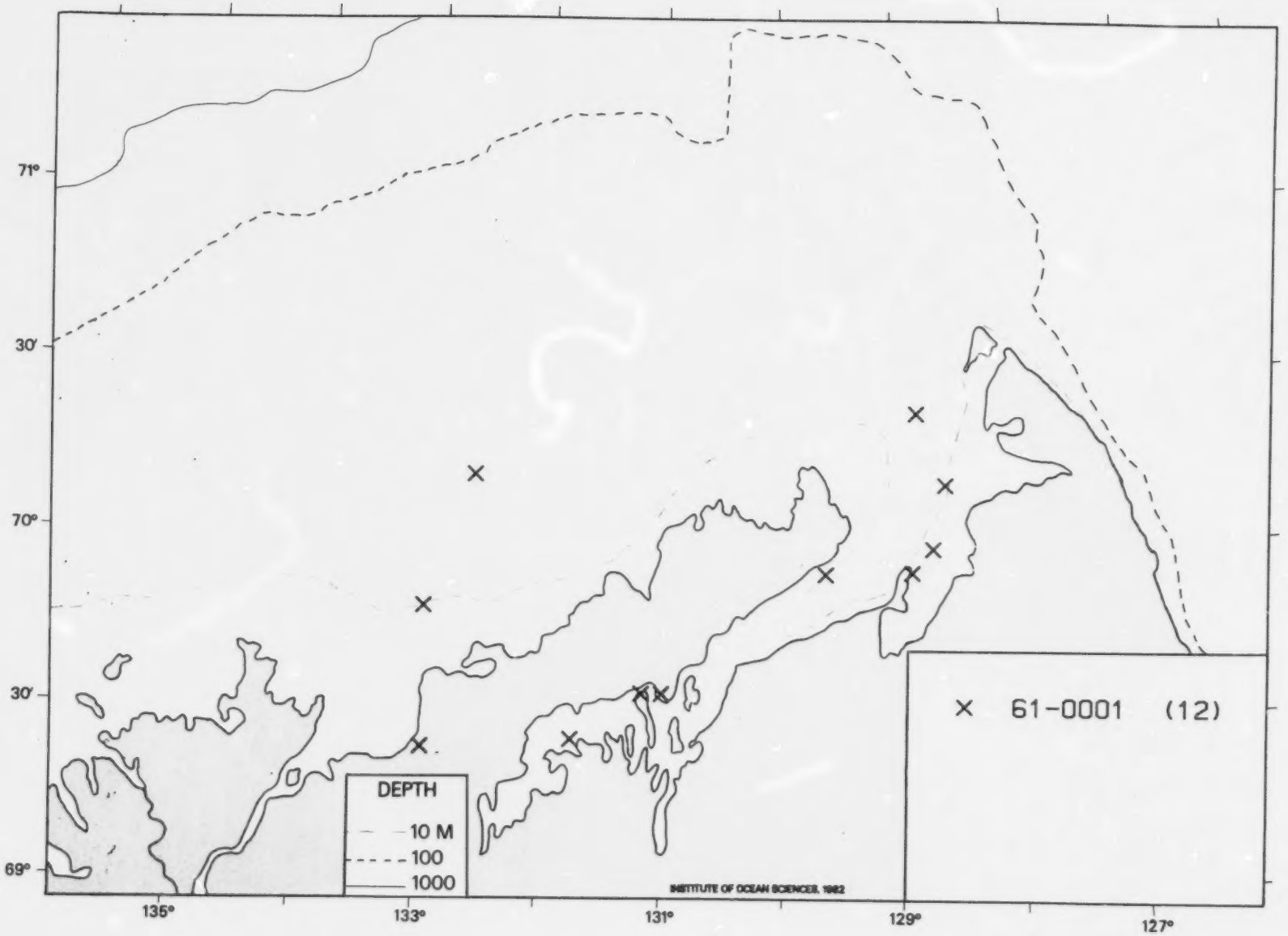
70°
30'
69°
× 60-0003 (21)
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
139°
137°
135°
133°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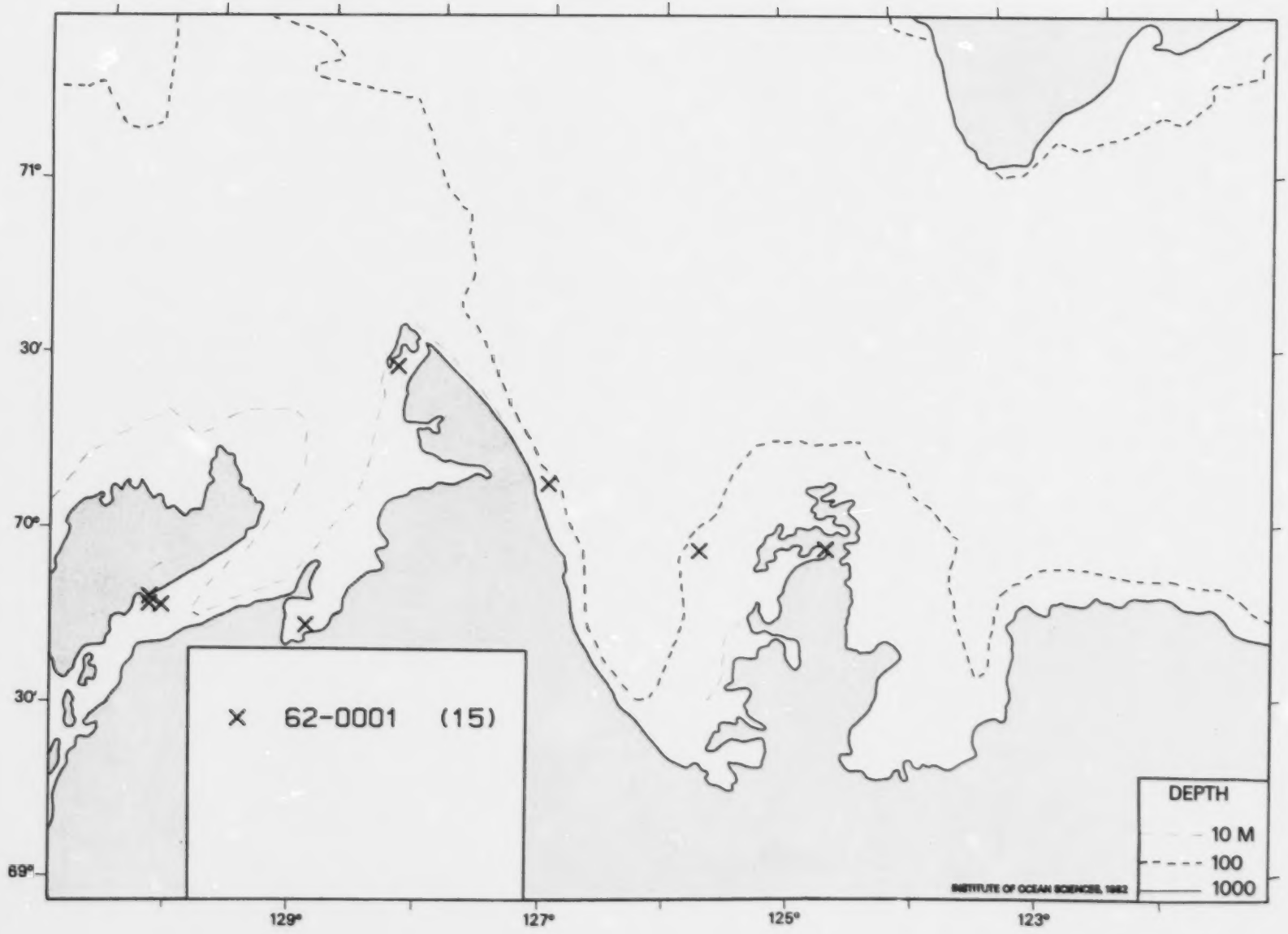
131°
129°
127°
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
× 61-0001 (12)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DEPTH
10 M
100
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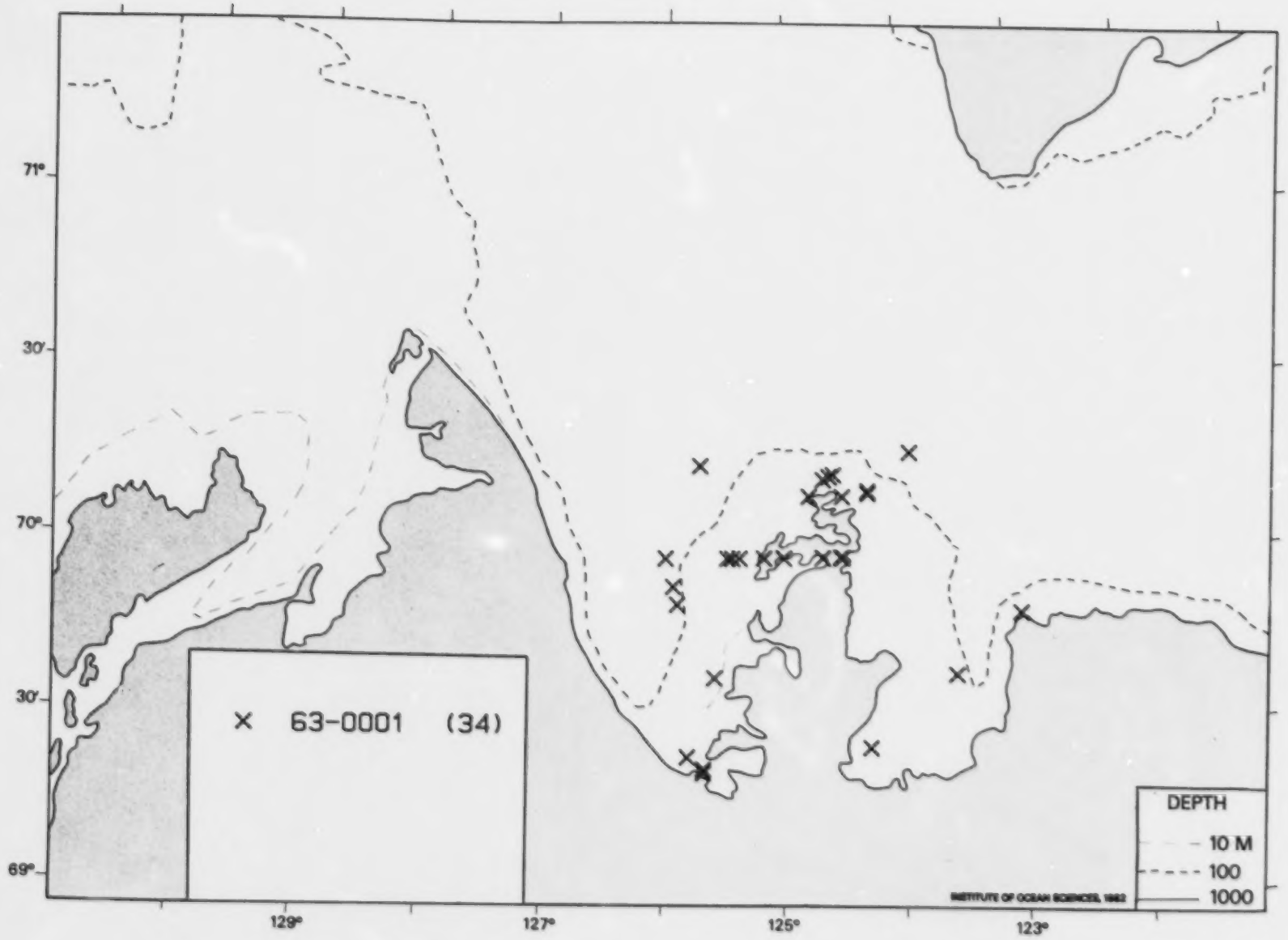
INSTITUTE OF OCEAN SCIENCES, 1982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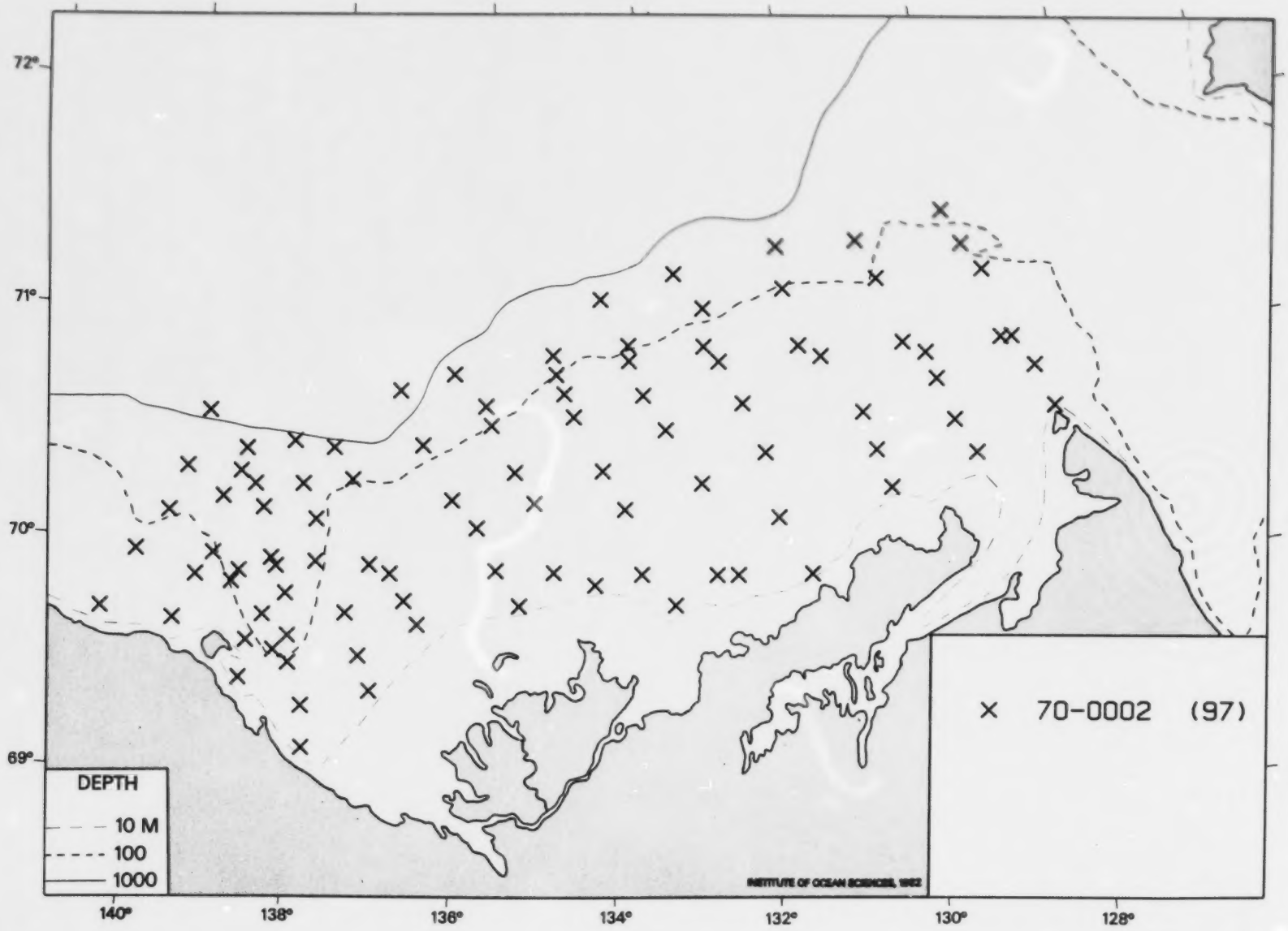
INSTITUTE OF OCEAN SCIENCES, 1983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DEPTH
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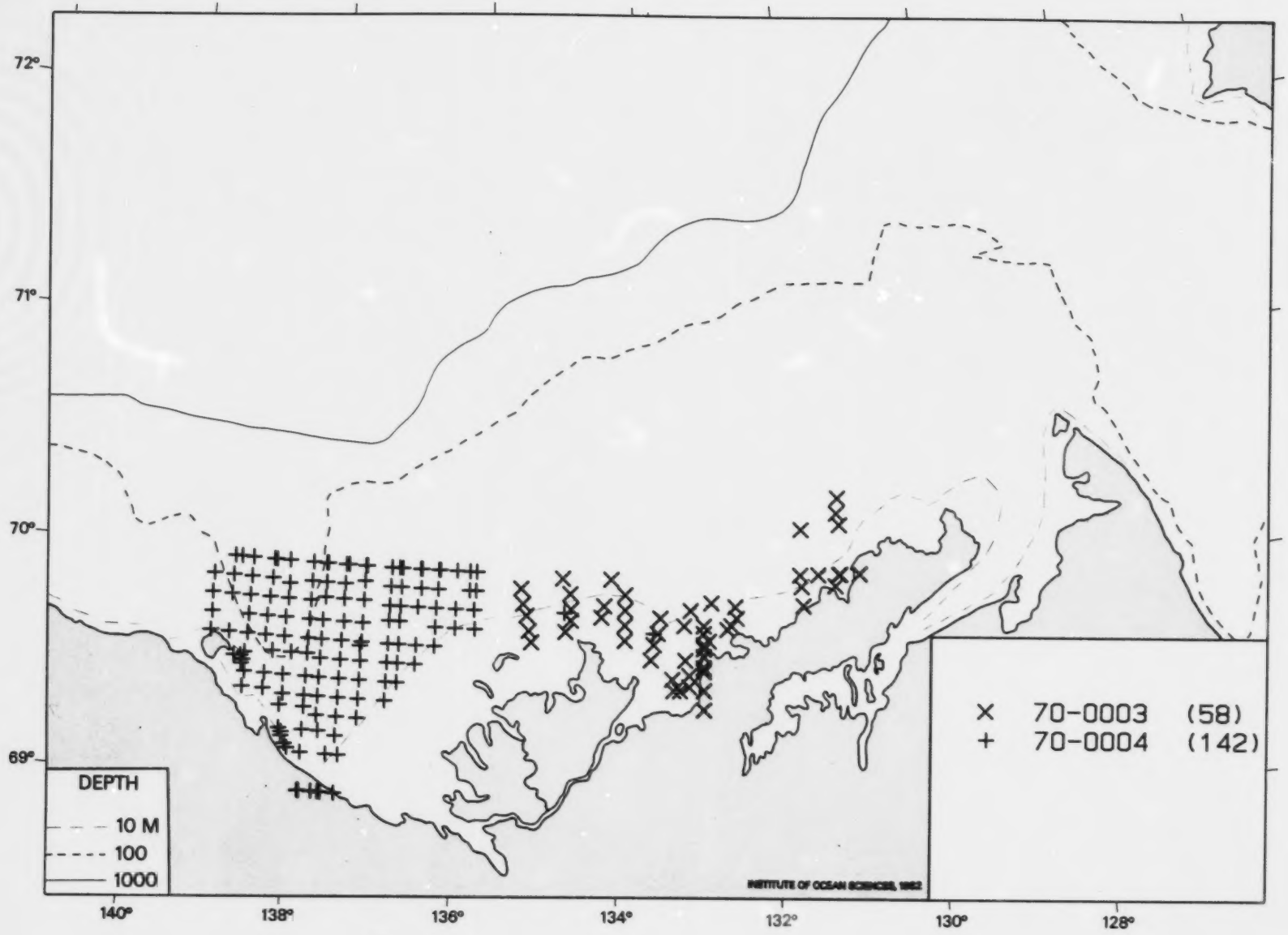
INSTITUTE OF OCEAN SCIENCES, 1982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INSTITUTE OF OCEAN SCIENCES, 1982
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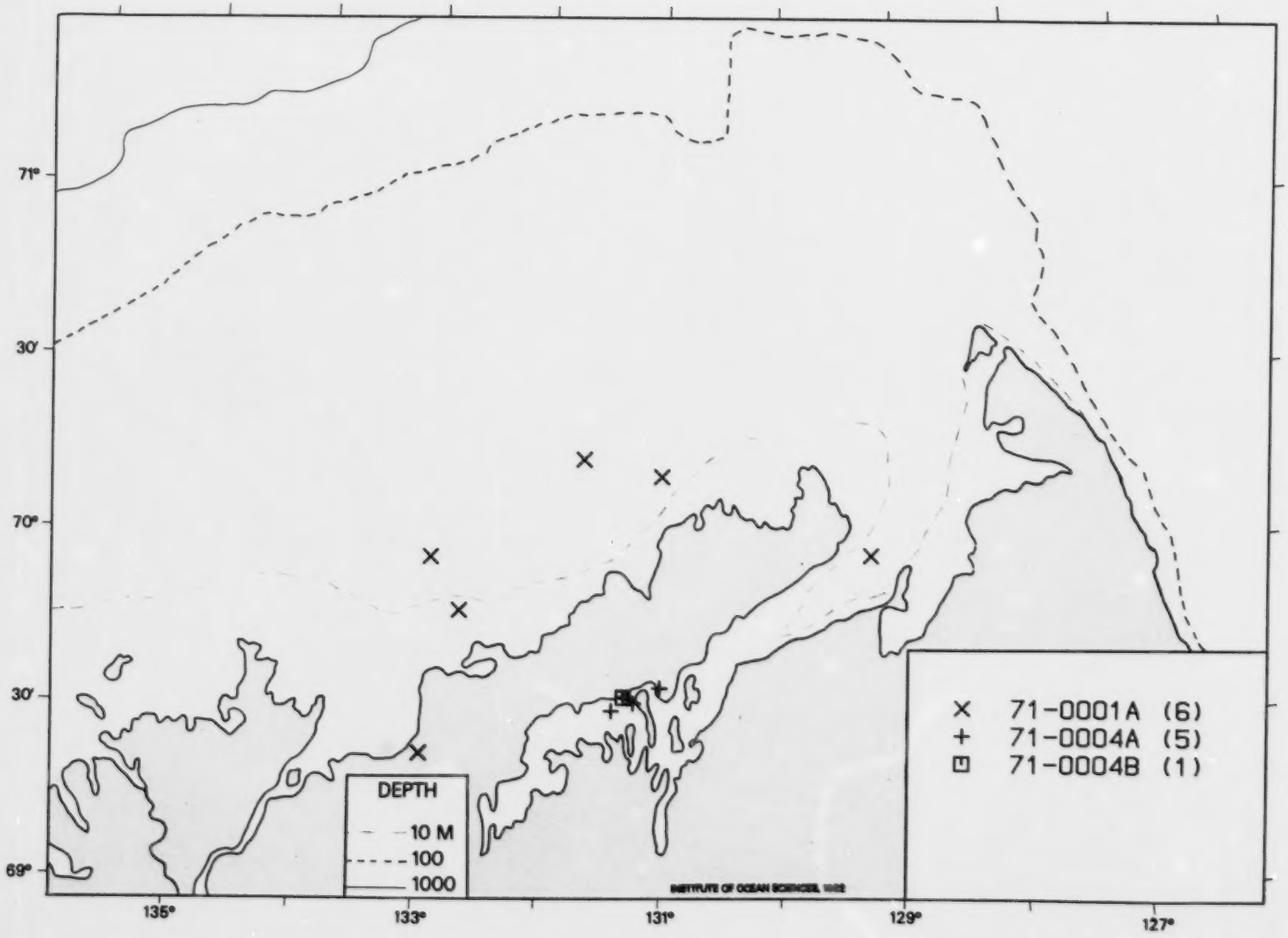
+ 70-0004 (142)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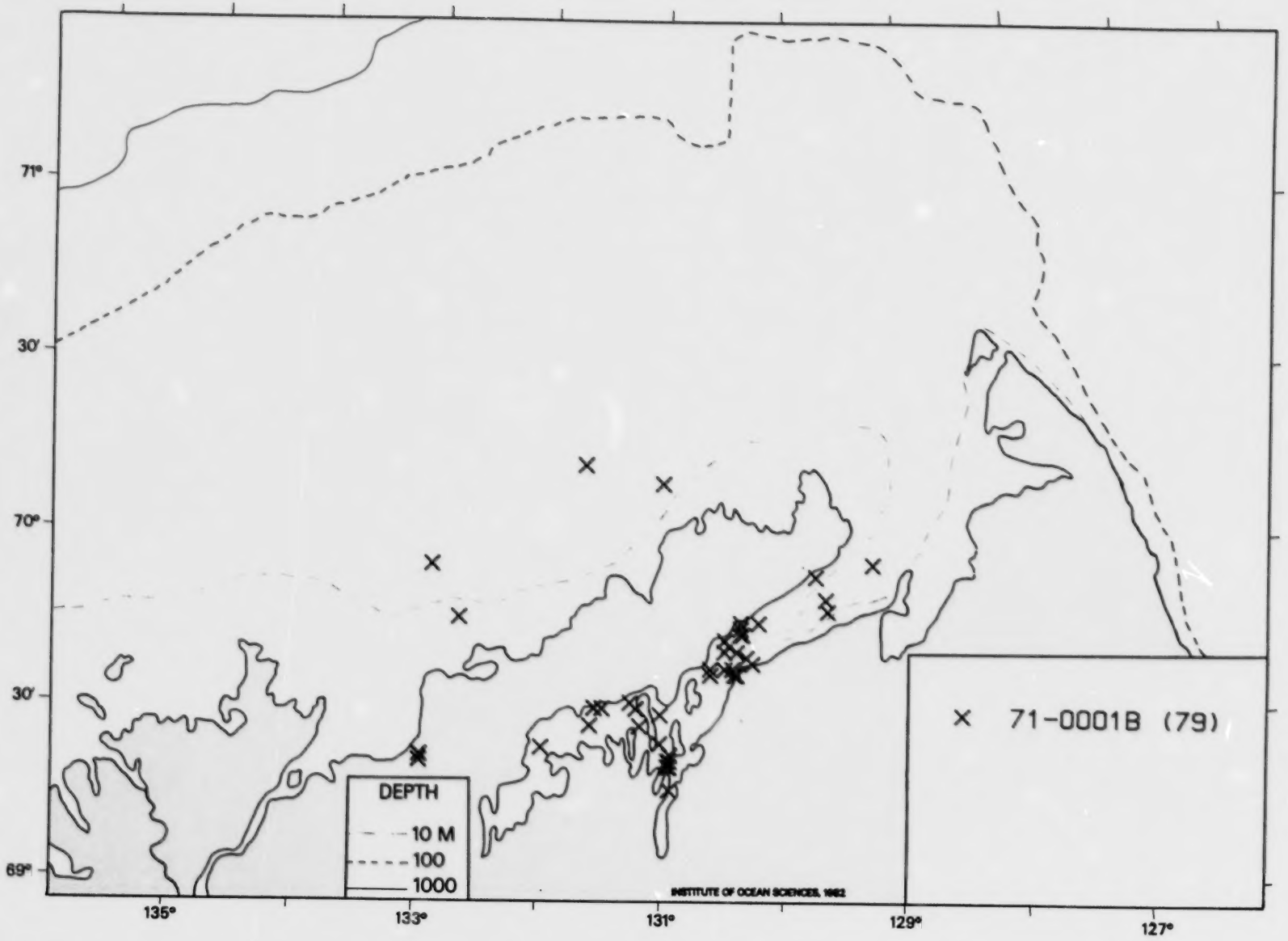
INSTITUTE OF OCEAN SCIENCES, 1982
71-0001A (6)
71-0004A (5)
71-0004B (1)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129°
127°
DEPTH
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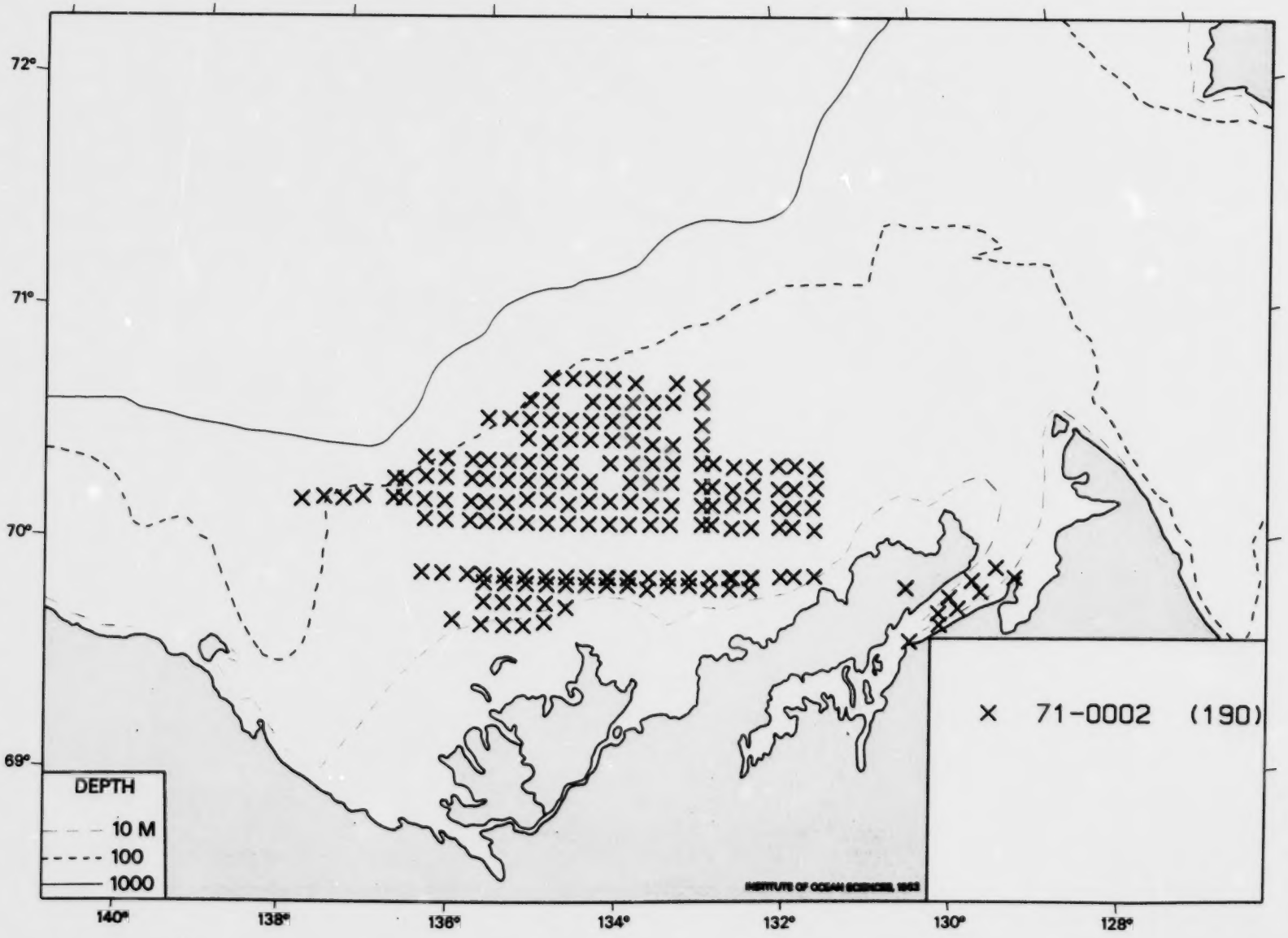
INSTITUTE OF OCEAN SCIENCES, 1982
× 71-0001B (79)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69°
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130°
128°
DEPTH
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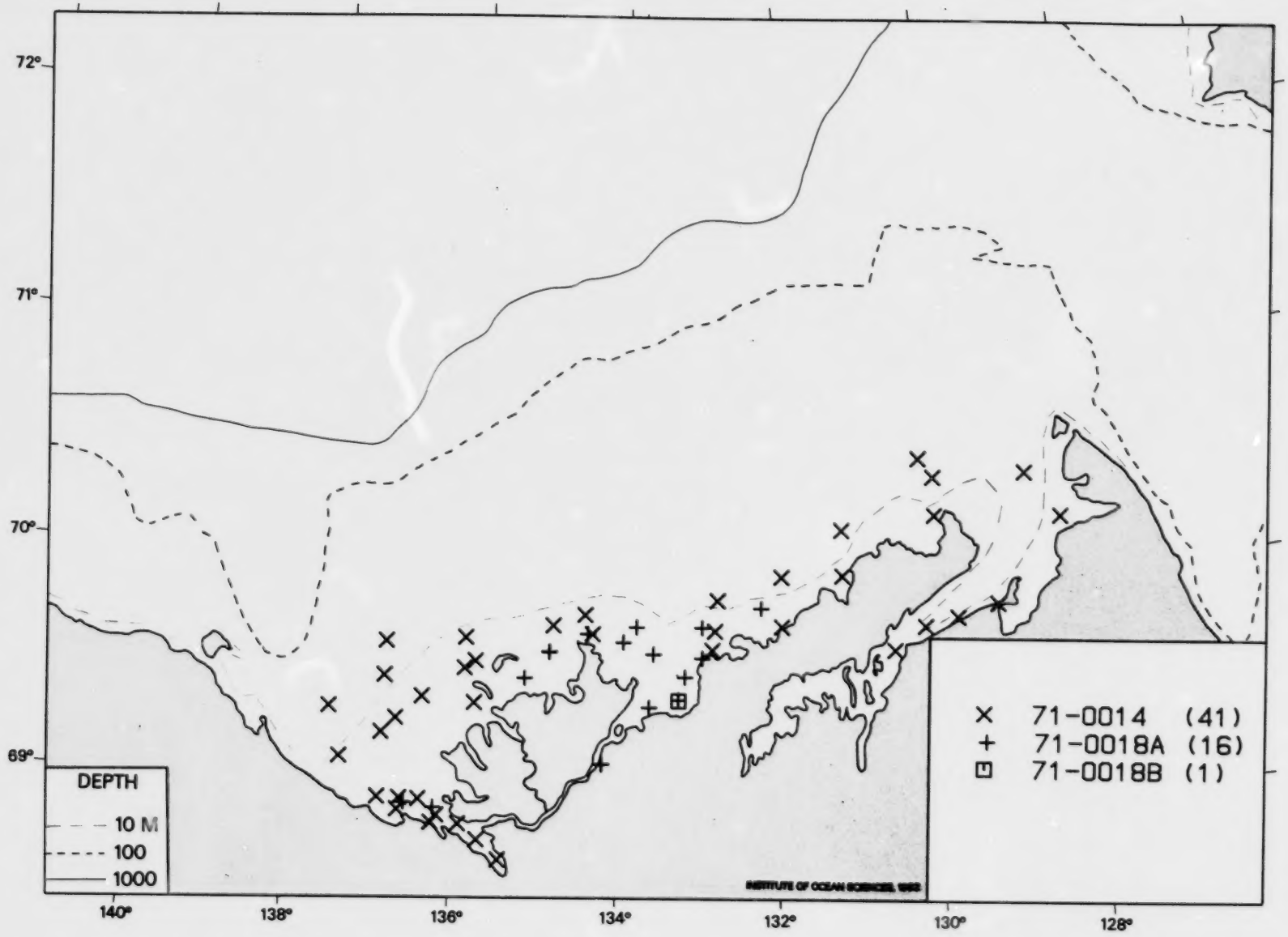
1000
× 71-0002 (190)
INSTITUTE OF OCEAN SCIENCES, 1983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136°
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132°
130°
128°
DEPTH
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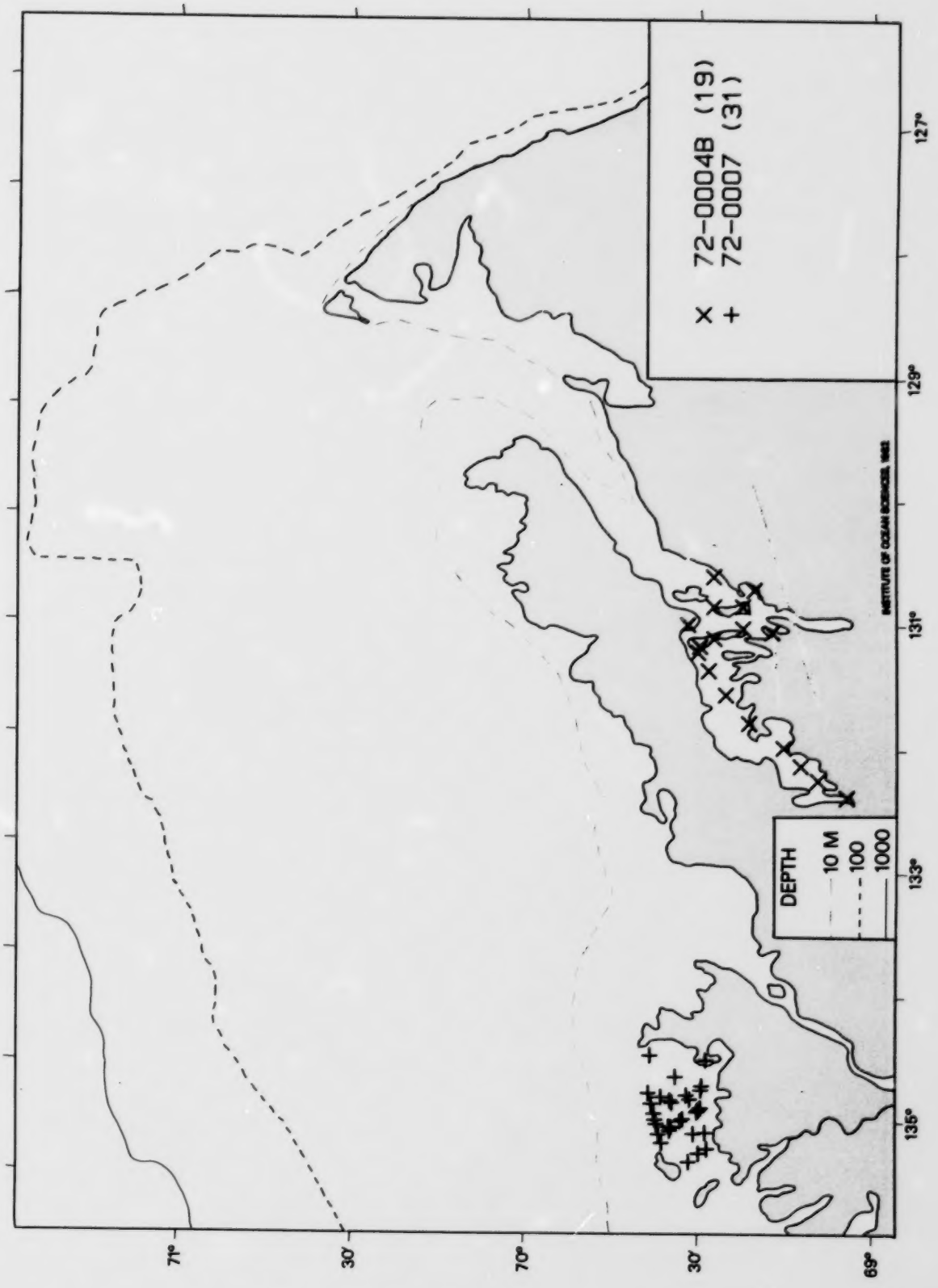
× 71-0014 (41)
+ 71-0018A (16)
⊡ 71-0018B (1)
INSTITUTE OF OCEAN SCIENCES, 1982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DEPTH
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INSTITUTE OF OCEAN SCIENCES, 1982
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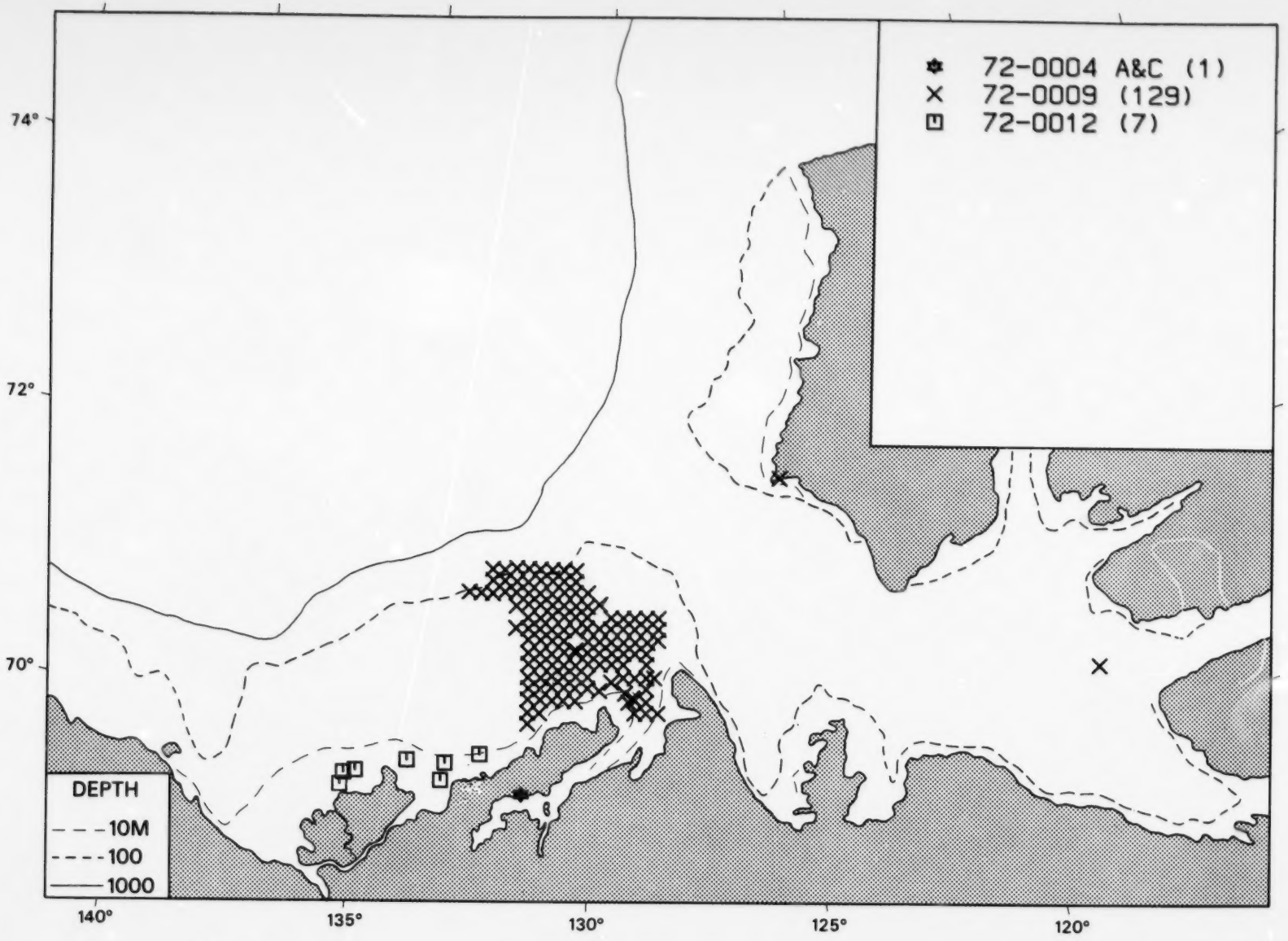
70°
30'
71°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72-0009 (129)
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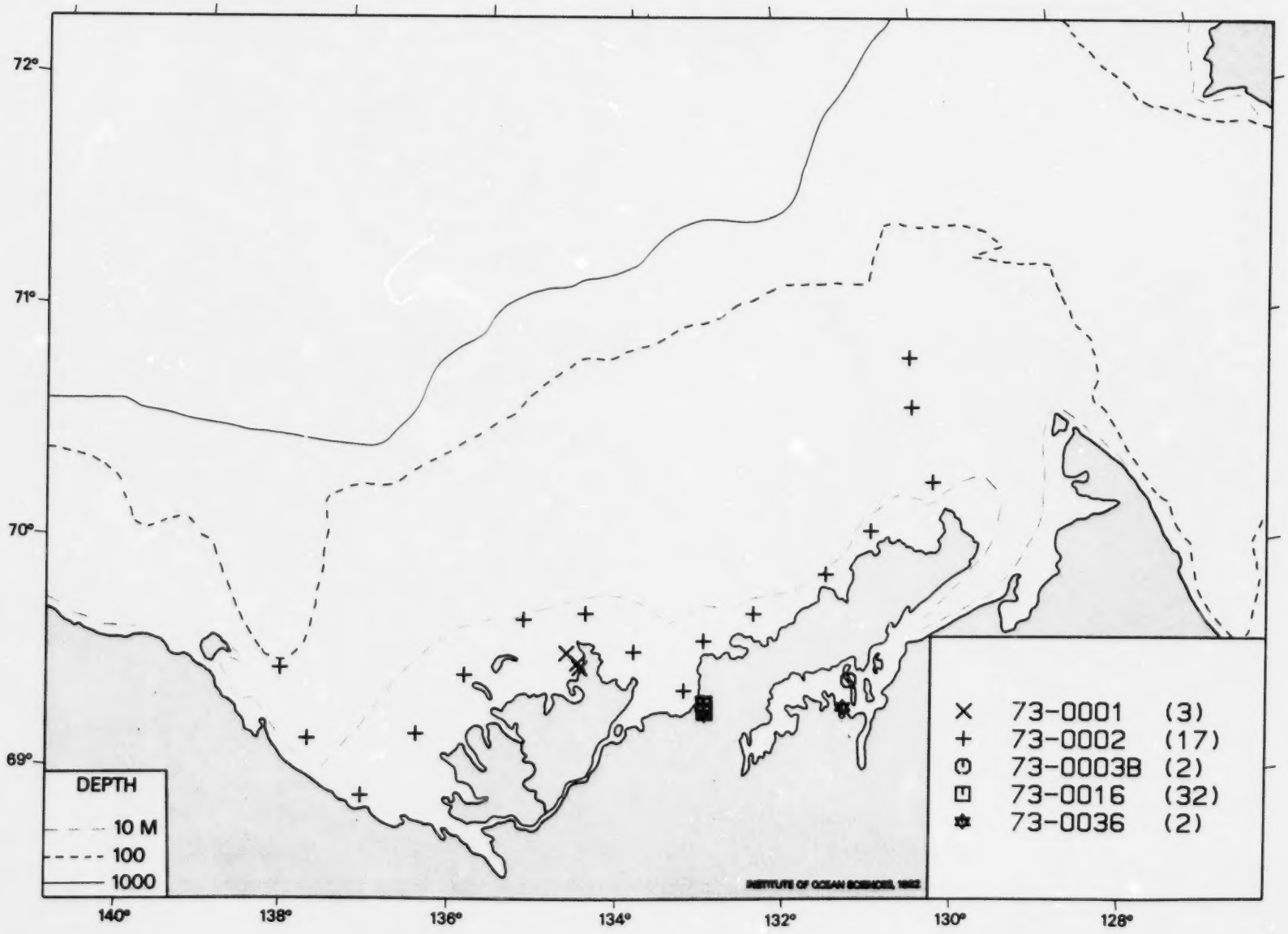
DEPTH
10M
100
1000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DEPTH
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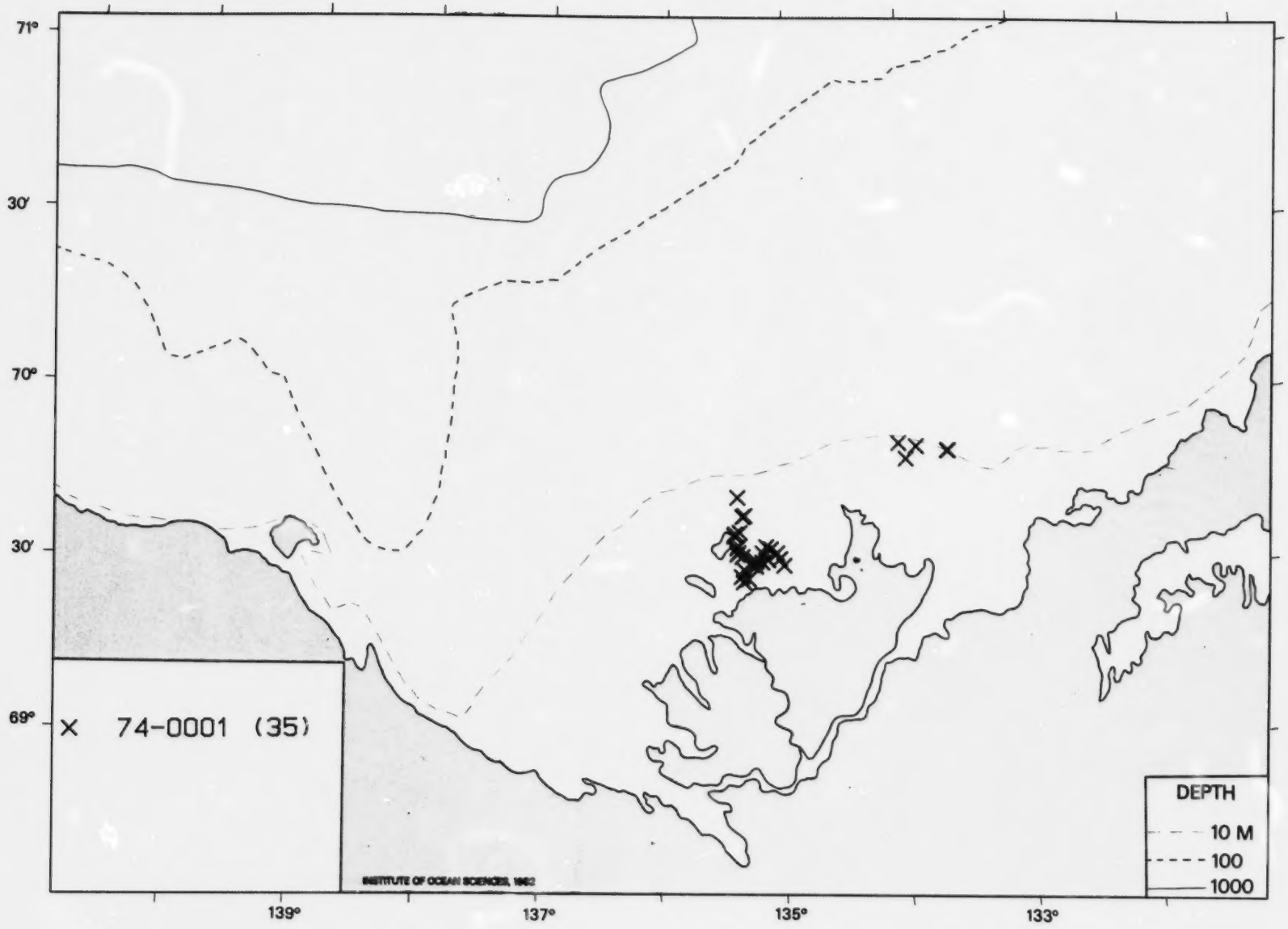
73-0003B (2)
73-0016 (32)
73-0036 (2)
INSTITUTE OF OCEAN SCIENCES, 1982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× 74-0001 (35)
DEPTH
10 M
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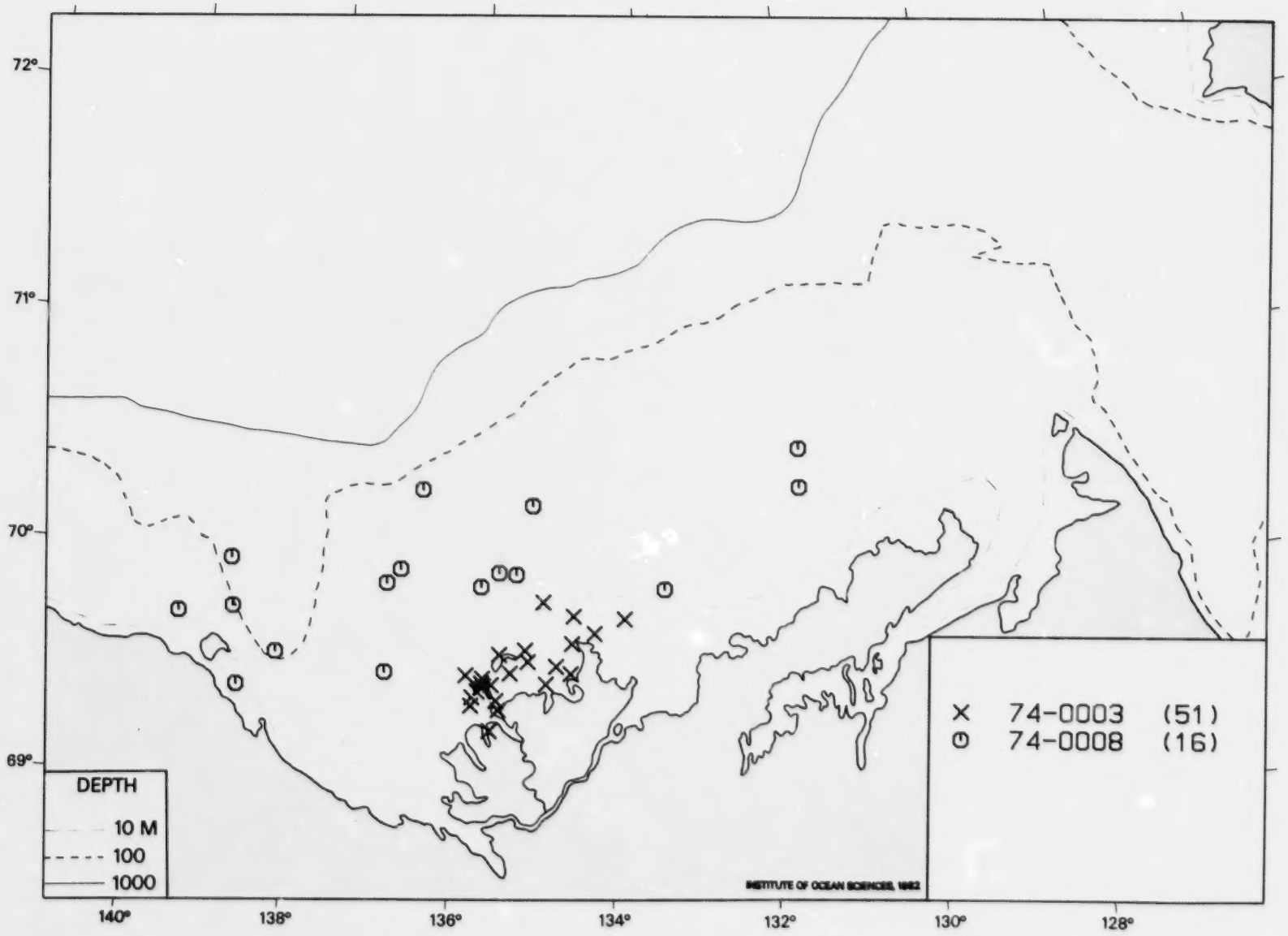
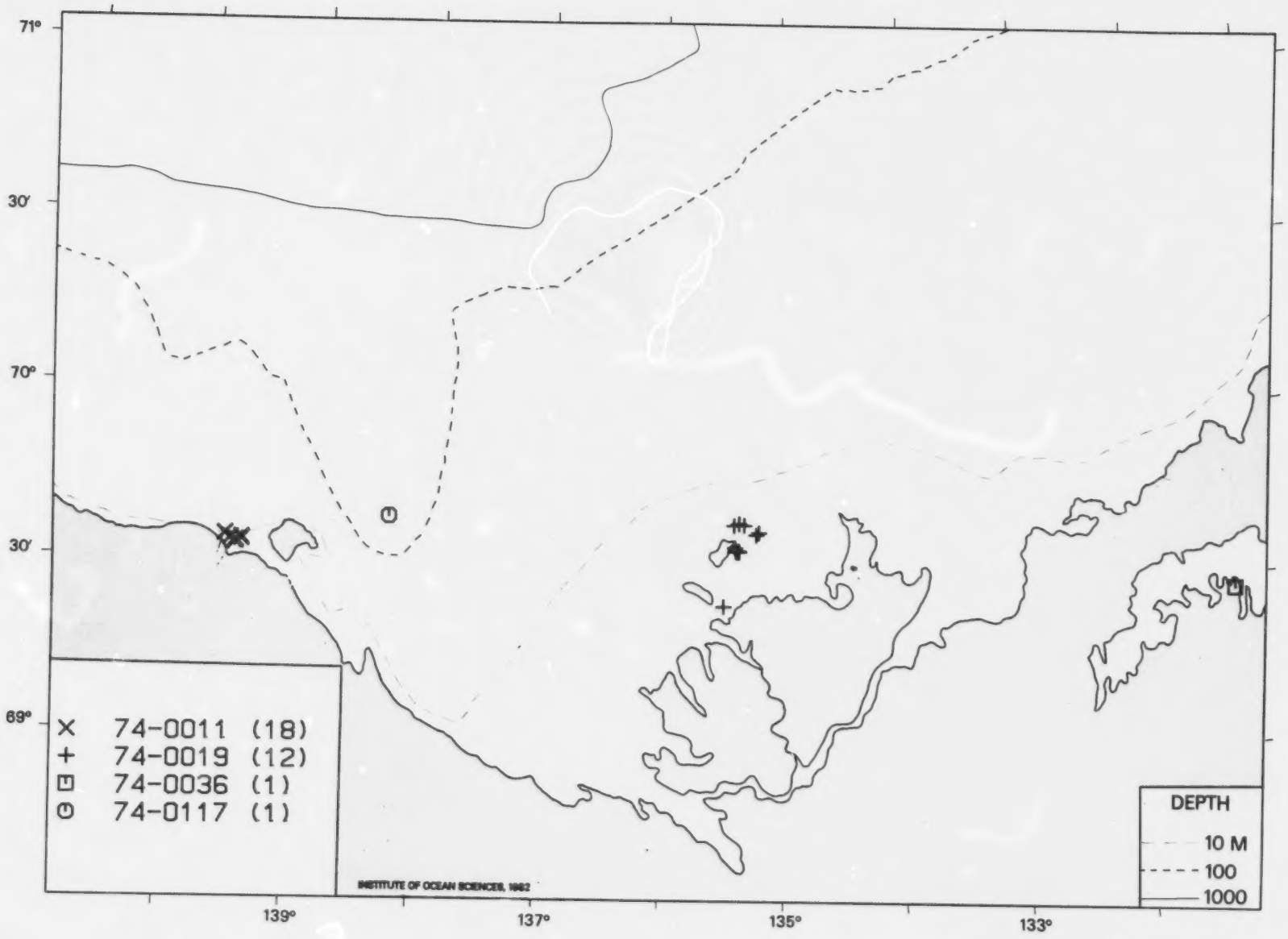
INSTITUTE OF OCEAN SCIENCES, 1982


72°
71°
70°
69°
140°
138°
136°
134°
132°
130°
128°
DEPTH
10 M
100
1000
INSTITUTE OF OCEAN SCIENCES, 1982
X 74-0003 (51)
O 74-0008 (16)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137°
135°
133°
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INSTITUTE OF OCEAN SCIENCES, 1982
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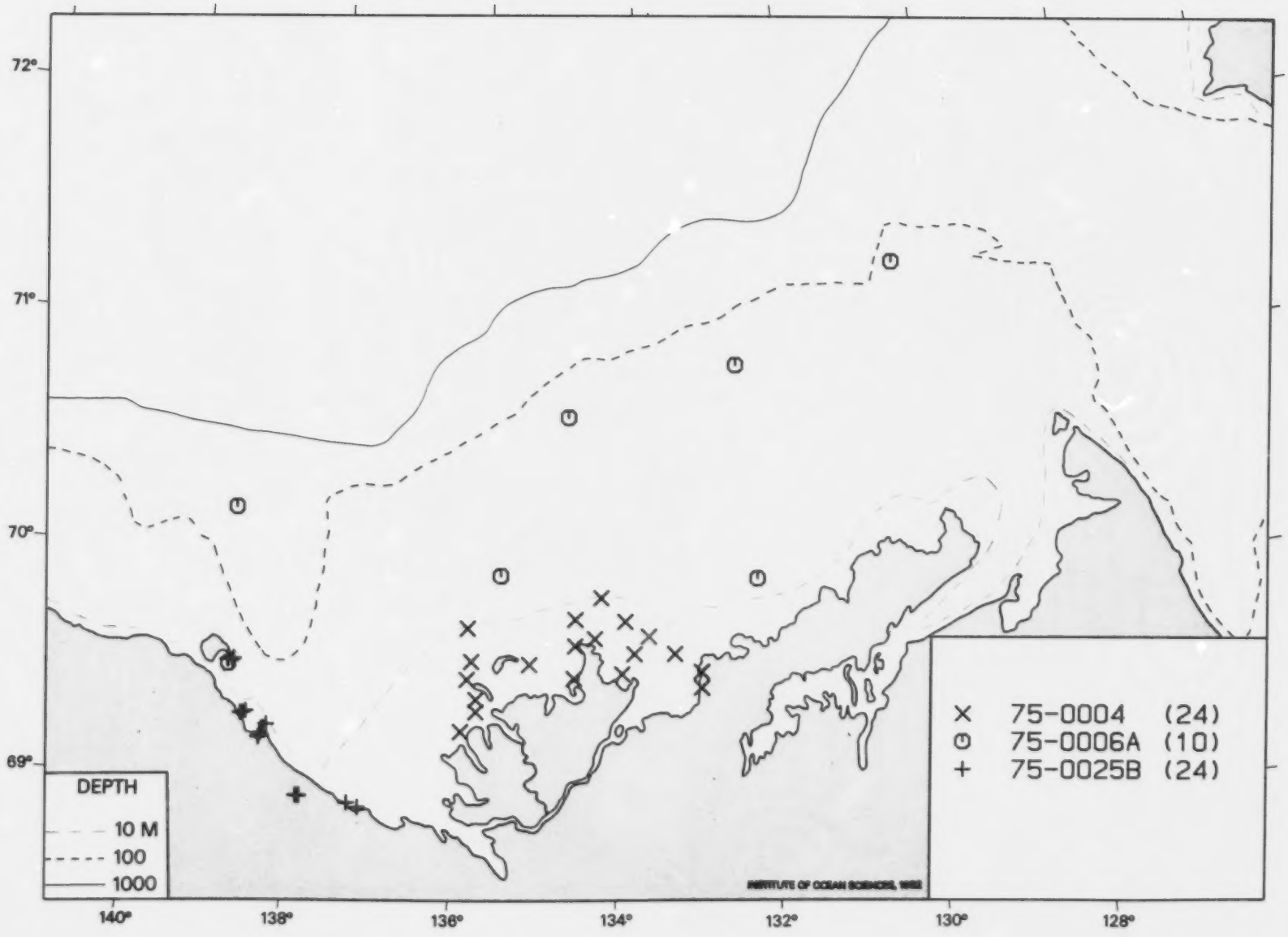
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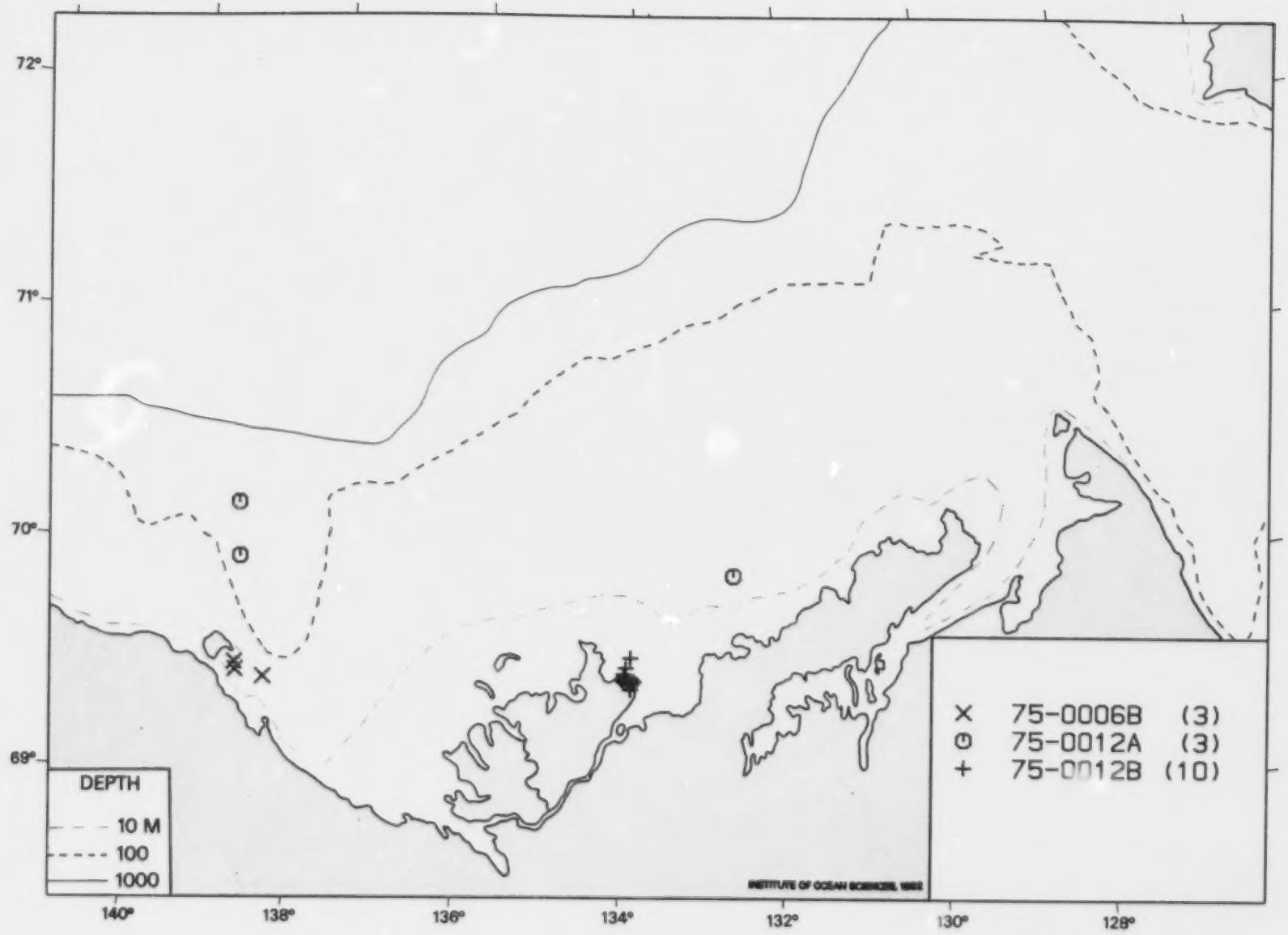
⊙ 75-0006A (10)
+ 75-0025B (24)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130°
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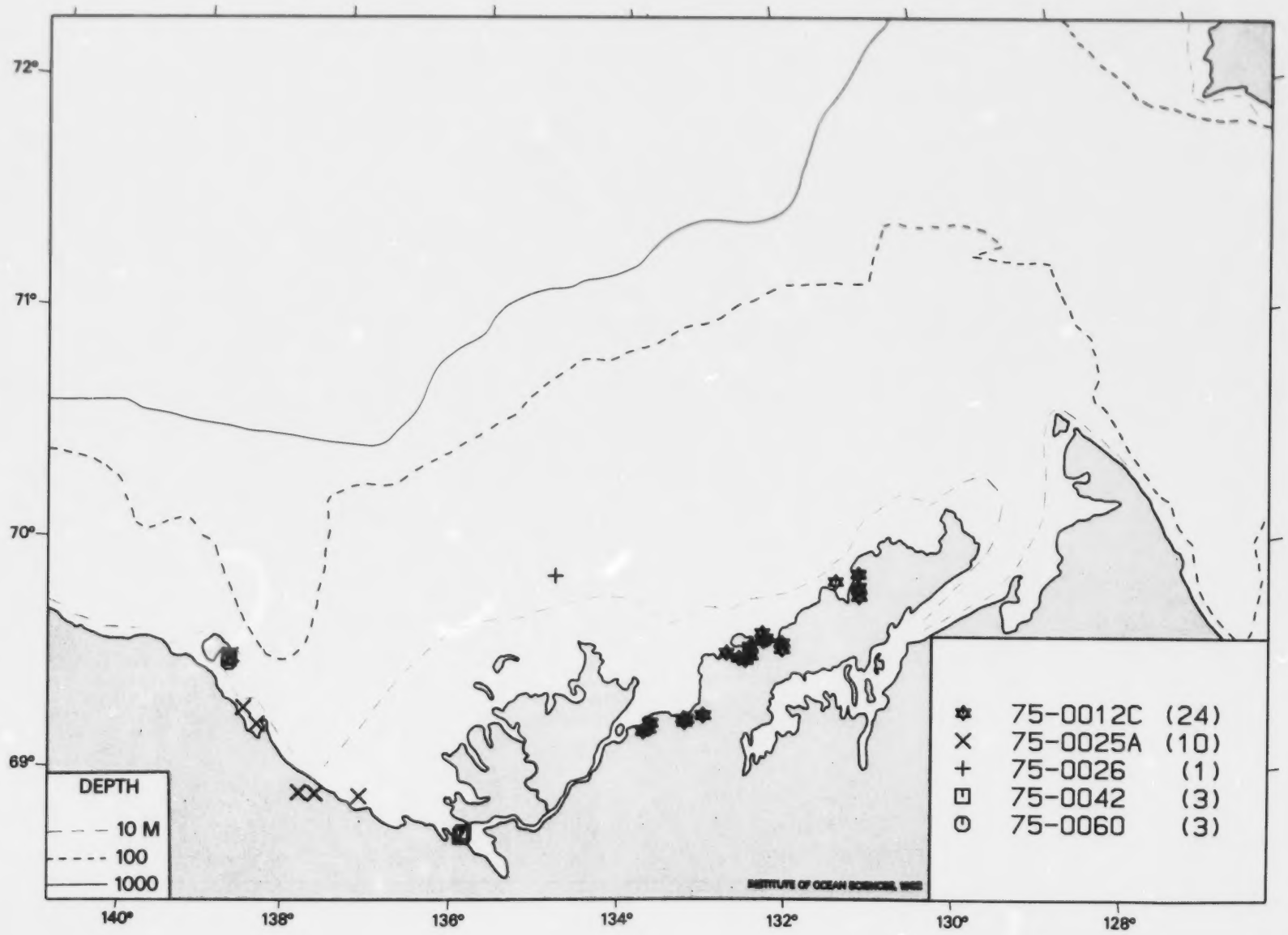
⊖ 75-0012A (3)
+ 75-0012B (10)
INSTITUTE OF OCEAN SCIENCES, 1982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DEPTH
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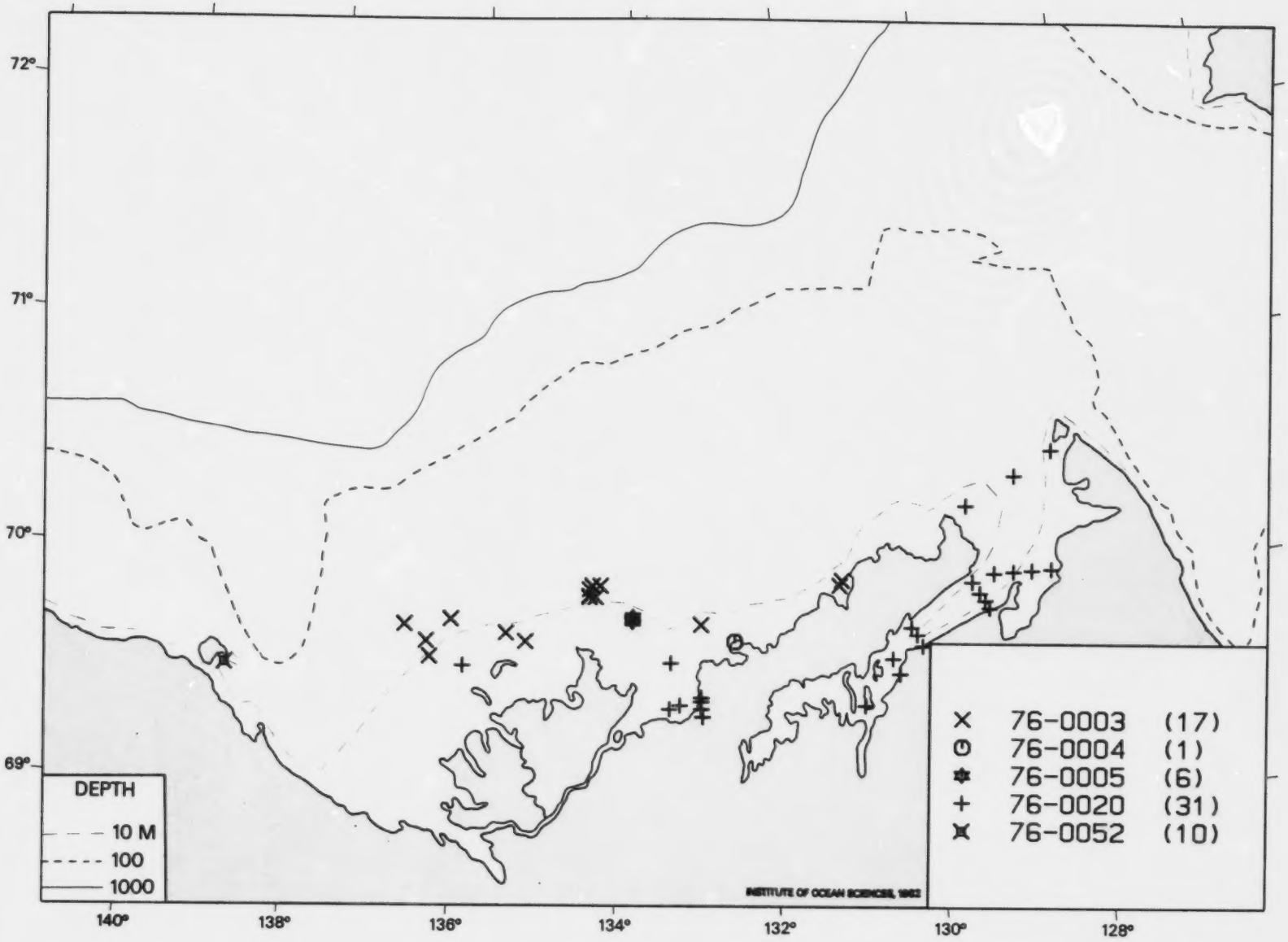
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128°
DEPTH
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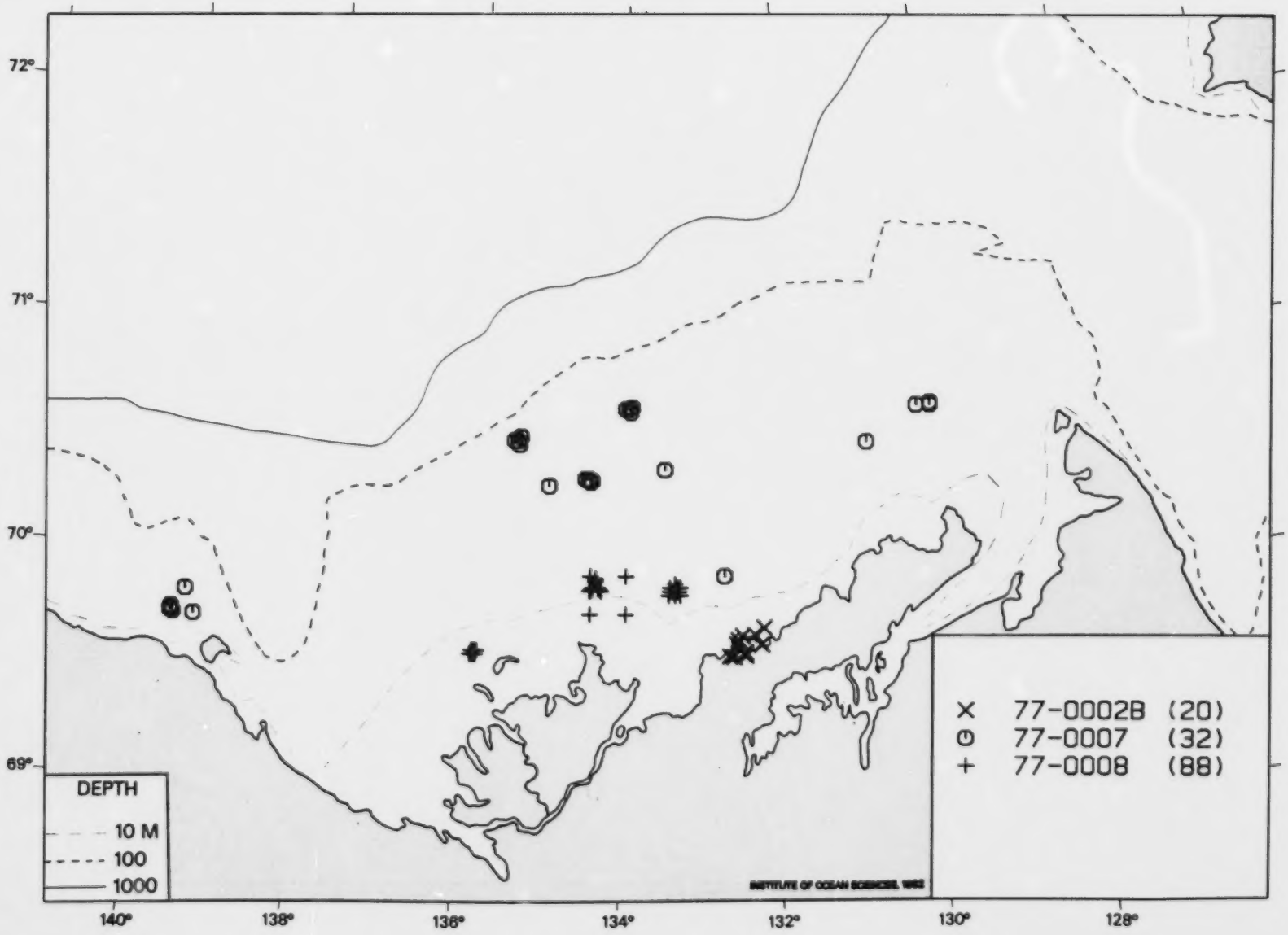
76-0005 (6)
76-0020 (31)
76-0052 (10)
INSTITUTE OF OCEAN SCIENCES, 1982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132°
130°
128°
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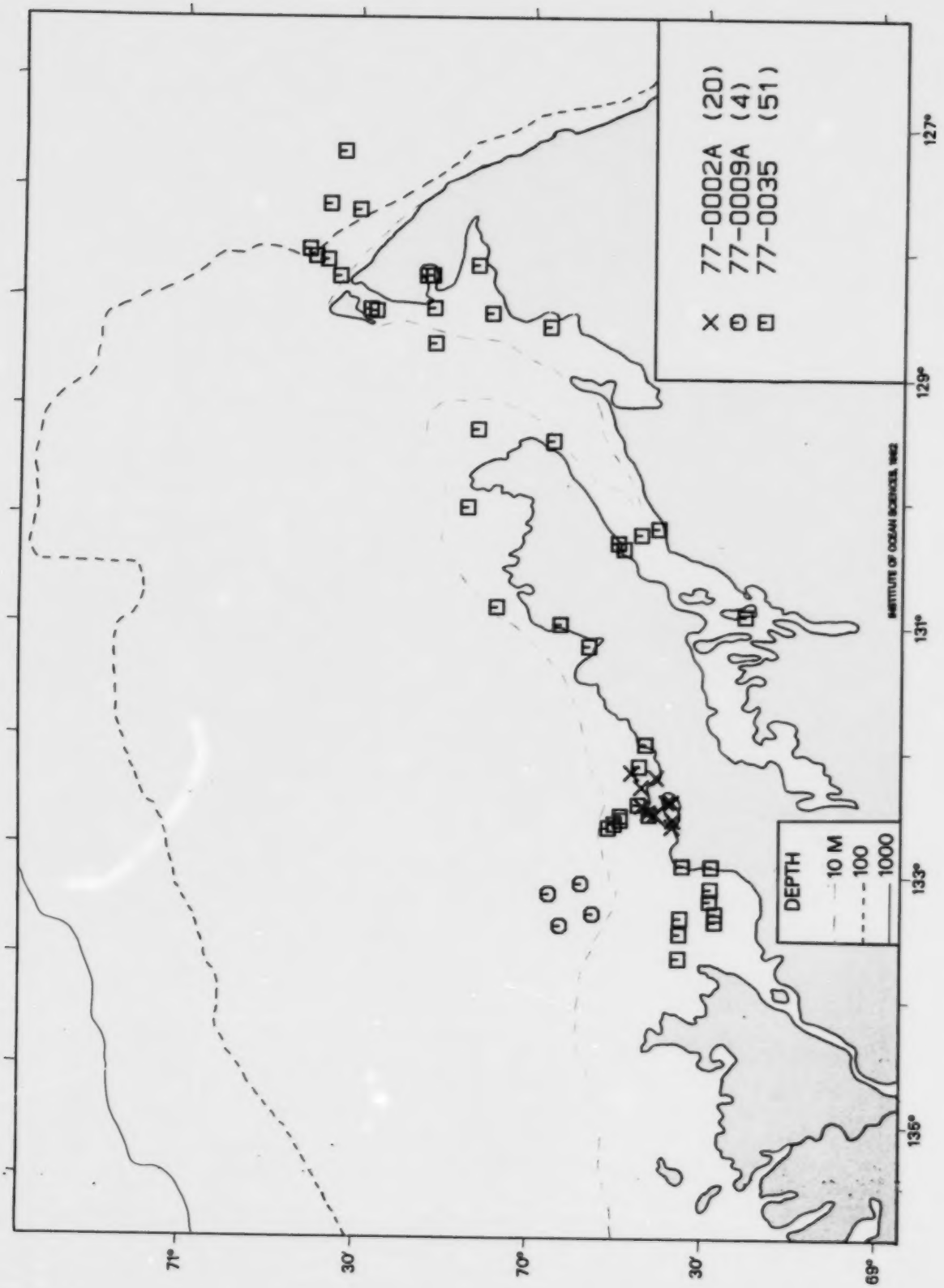
INSTITUTE OF OCEAN SCIENCES, 1982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INSTITUTE OF OCEAN SCIENCES, 1982
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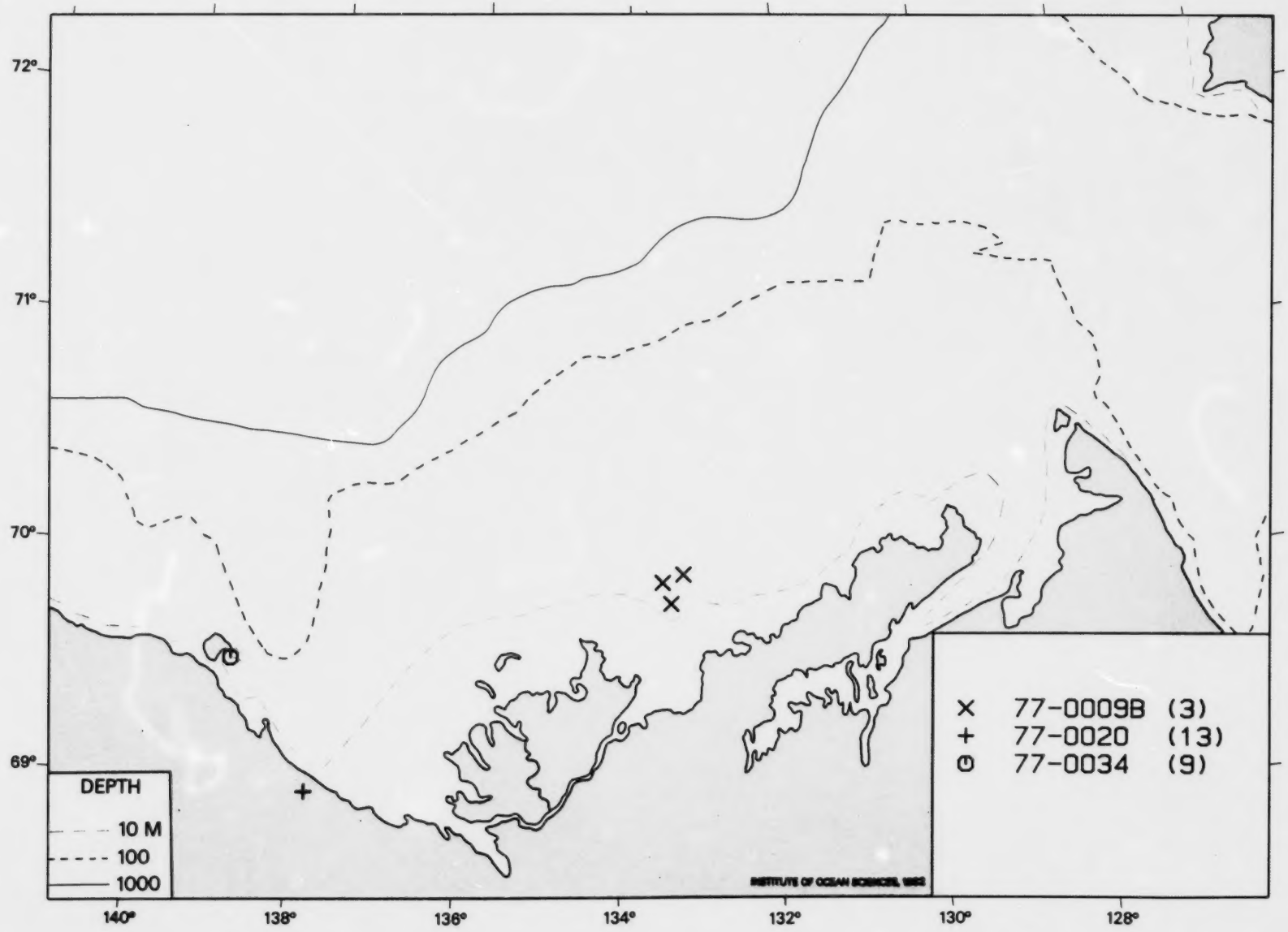
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130°
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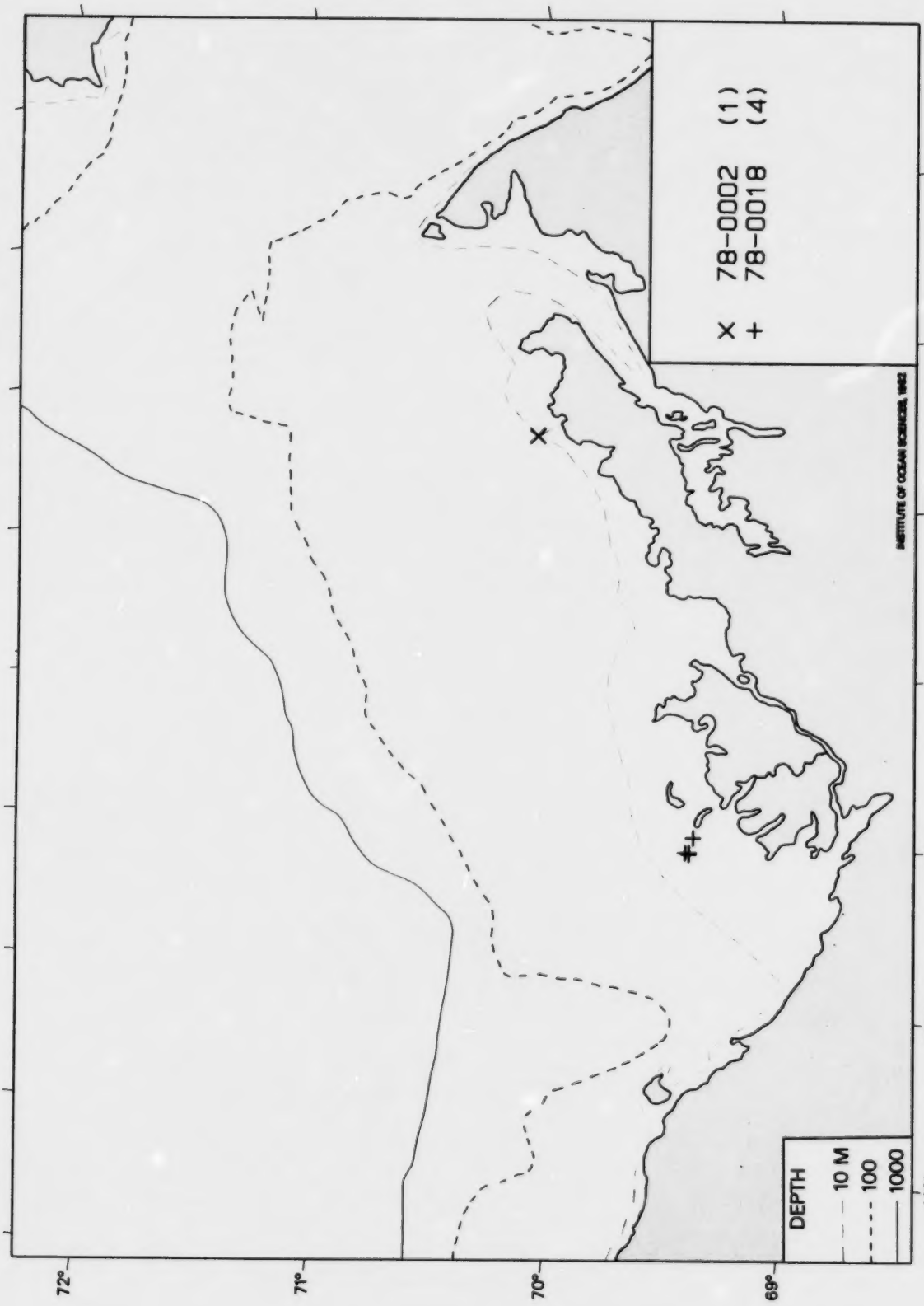
+ 77-0020 (13)
⊙ 77-0034 (9)
INSTITUTE OF OCEAN SCIENCES, 1982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78-0018 (4)
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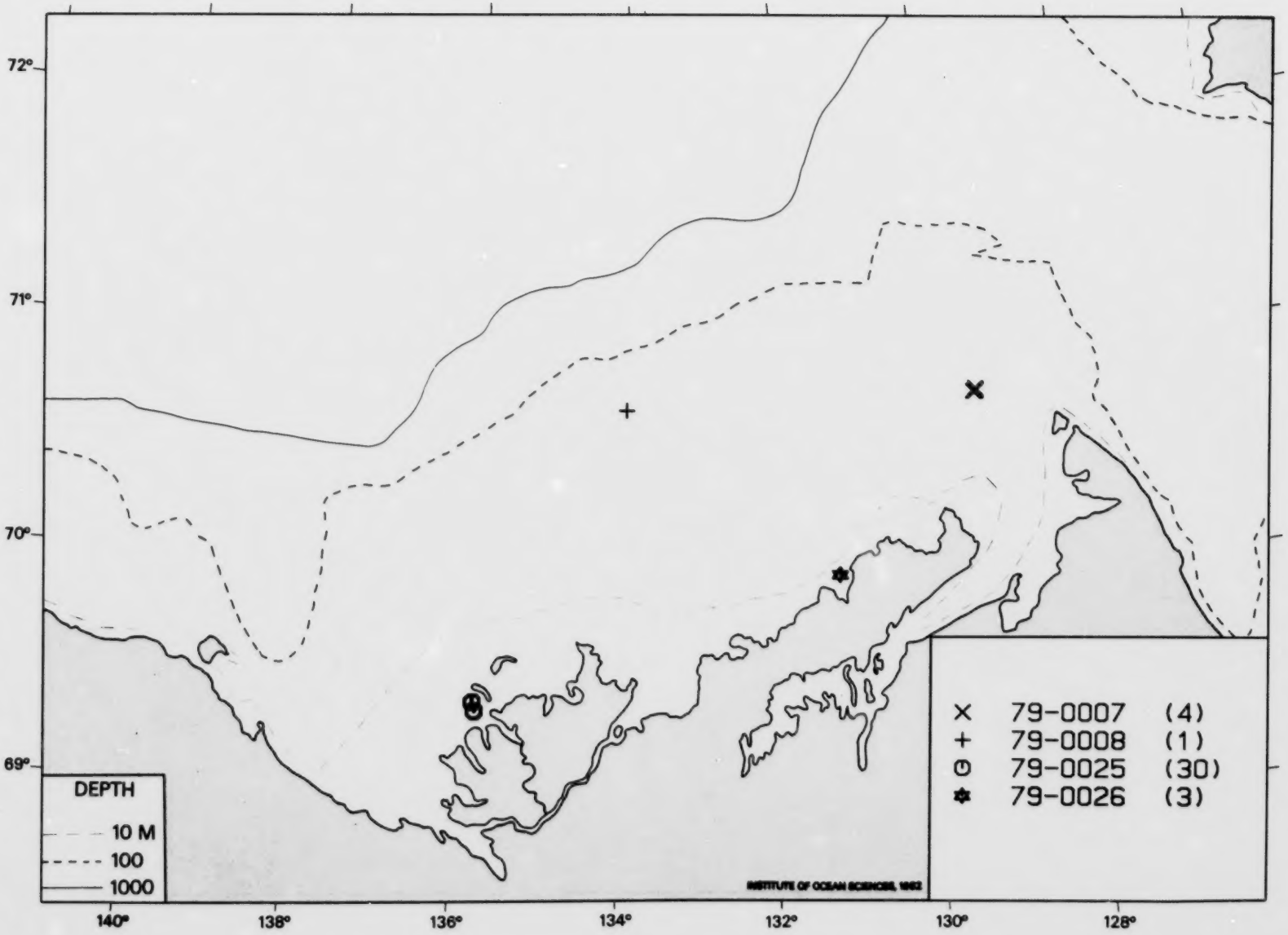
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130°
128°
DEPTH
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79-0008 (1)
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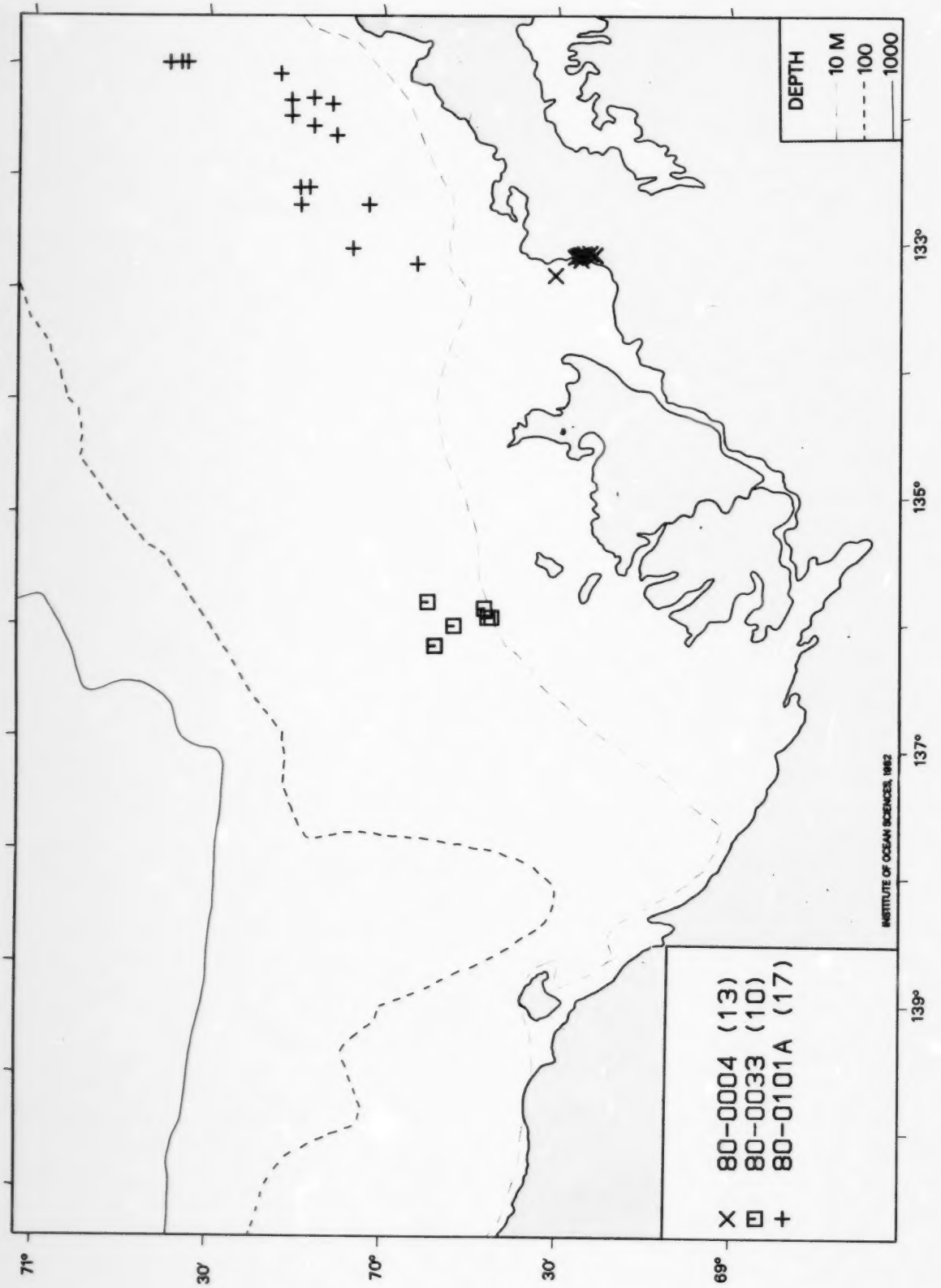
79-0026 (3)
INSTITUTE OF OCEAN SCIENCES, 1982


DEPTH
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80-0004 (13)
80-0033 (10)
80-0101A (17)
INSTITUTE OF OCEAN SCIENCES, 1982
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30'
69°
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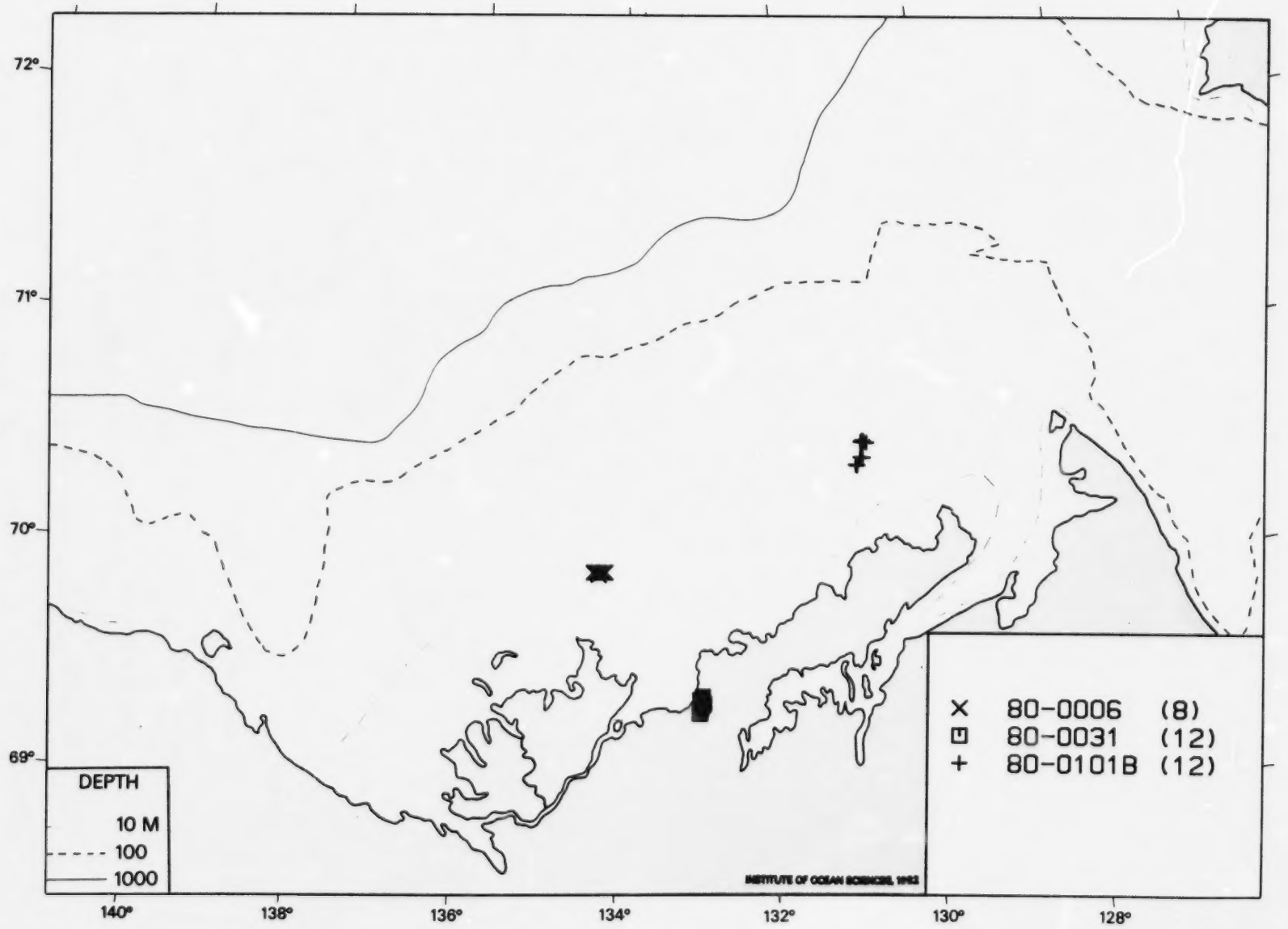
137°
135°
133°


72°
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69°
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132°
130°
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DEPTH
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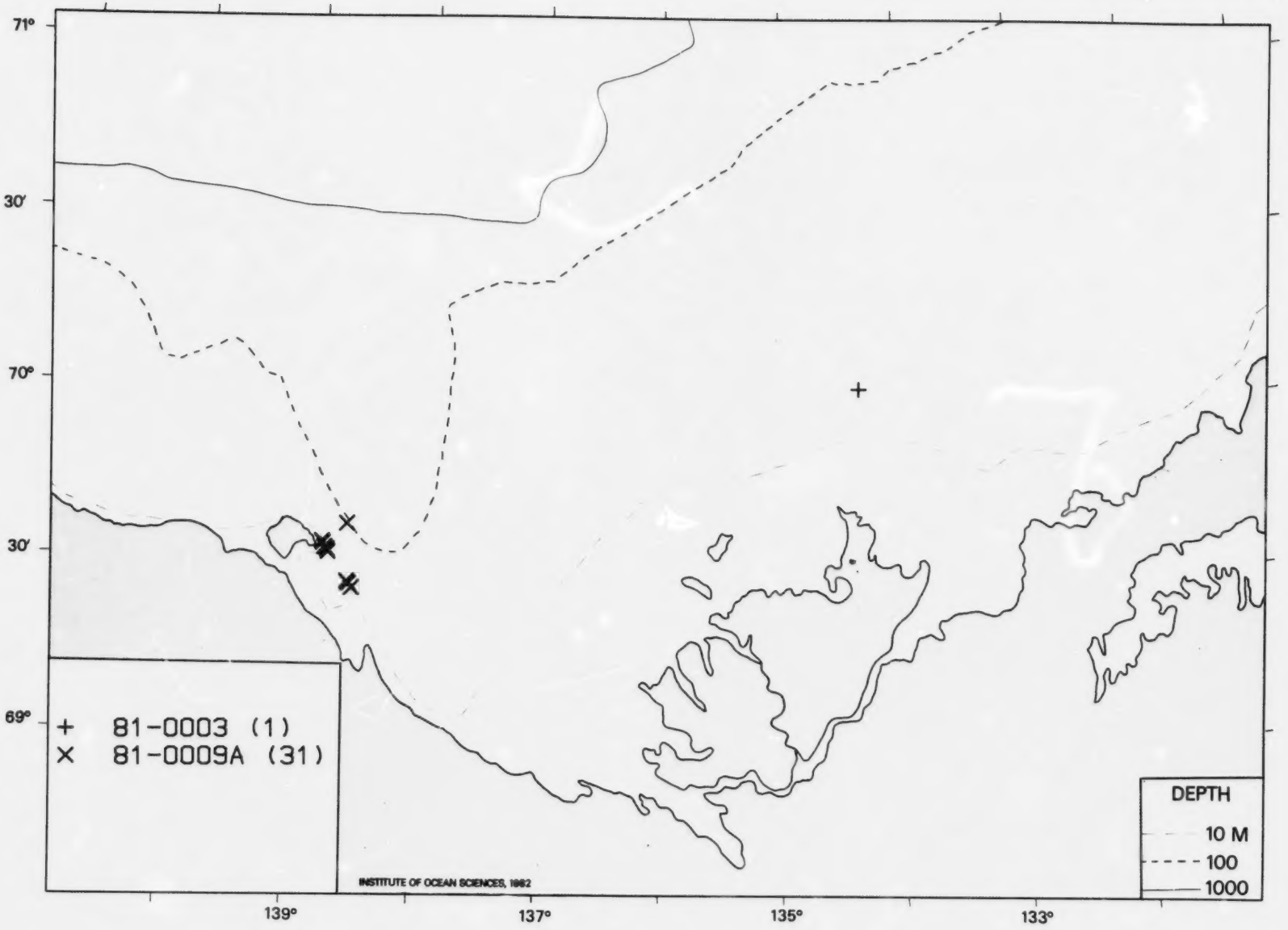
INSTITUTE OF OCEAN SCIENCES, 1982
× 80-0006 (8)
⊡ 80-0031 (12)
+ 80-0101B (12)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INSTITUTE OF OCEAN SCIENCES, 1982
DEPTH
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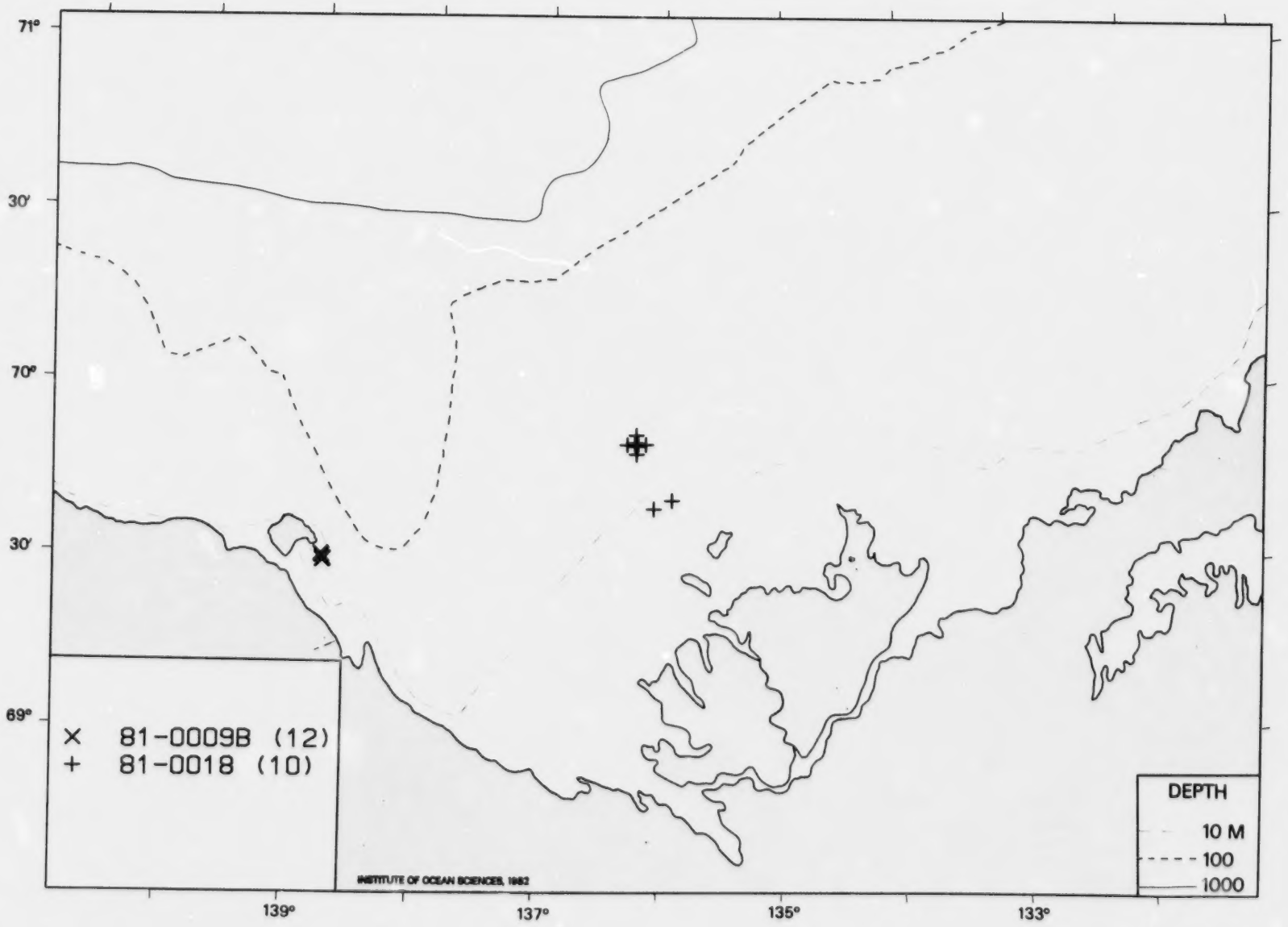
133°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× 81-0009B (12)
+ 81-0018 (10)
INSTITUTE OF OCEAN SCIENCES, 1982
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135°
133°
DEPTH
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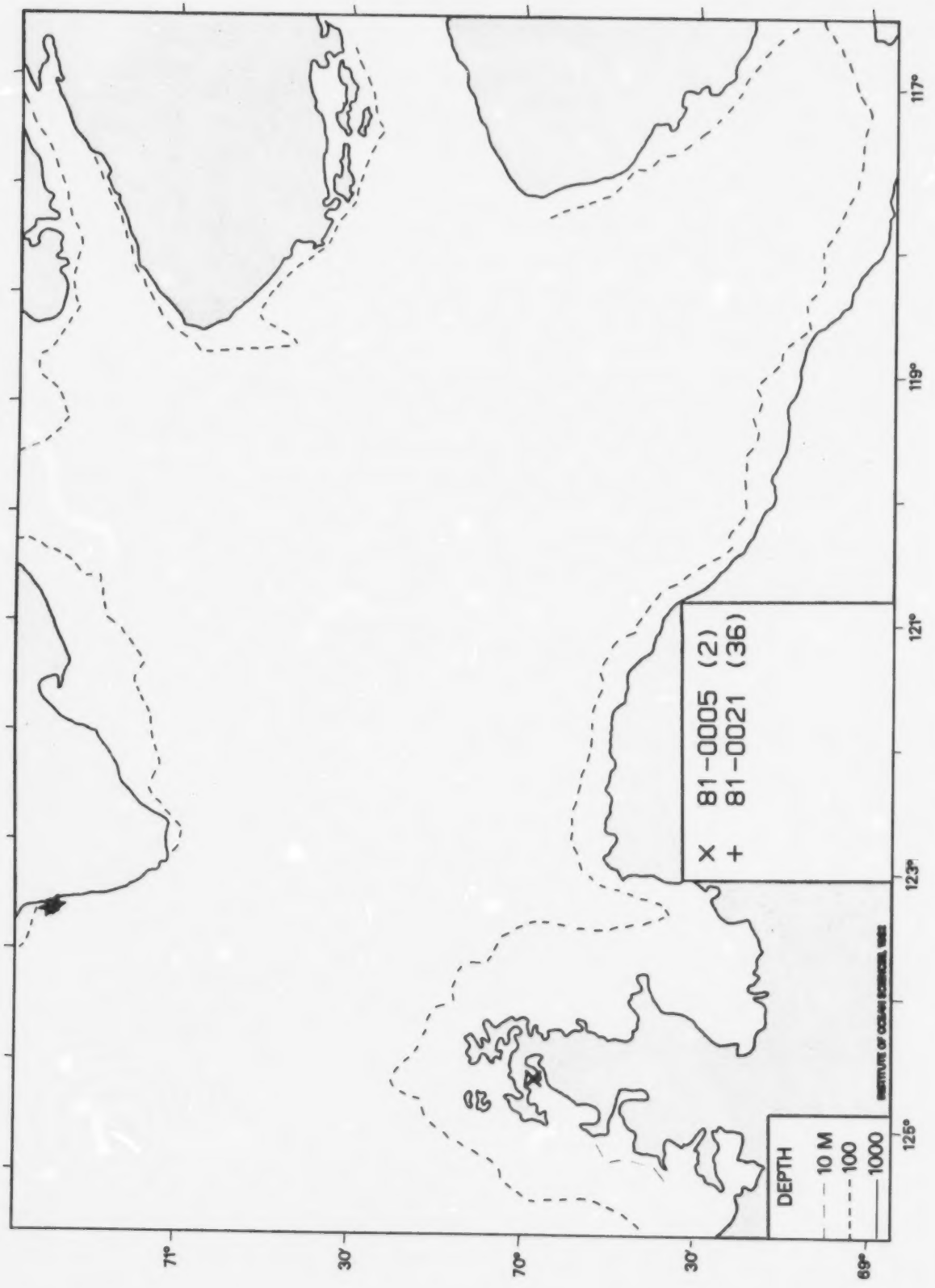
DEPTH
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× 81-0005 (2)
+ 81-0021 (36)
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69°
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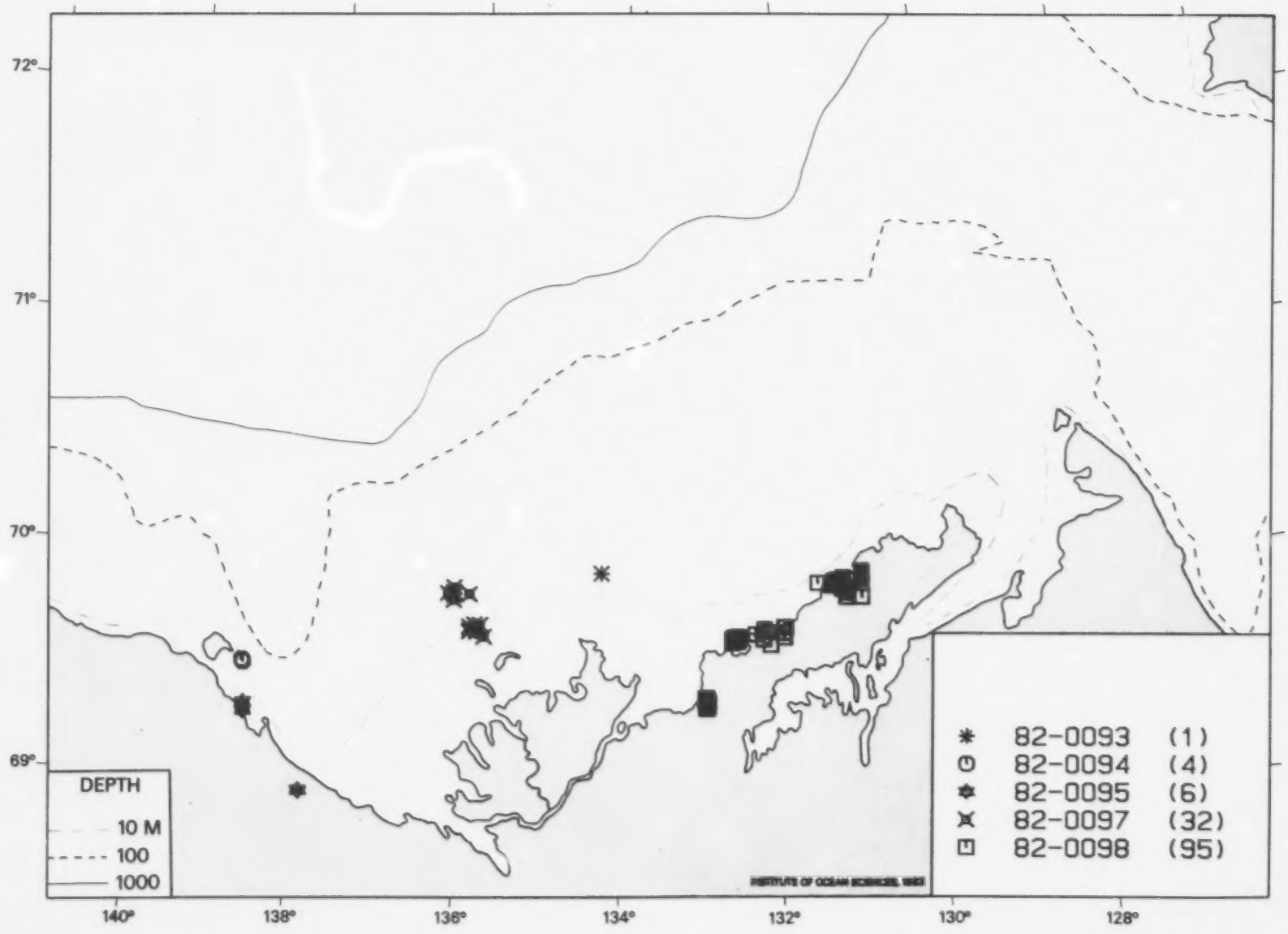
121°
119°
117°


72°
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69°
140°
138°
136°
134°
132°
130°
128°
DEPTH
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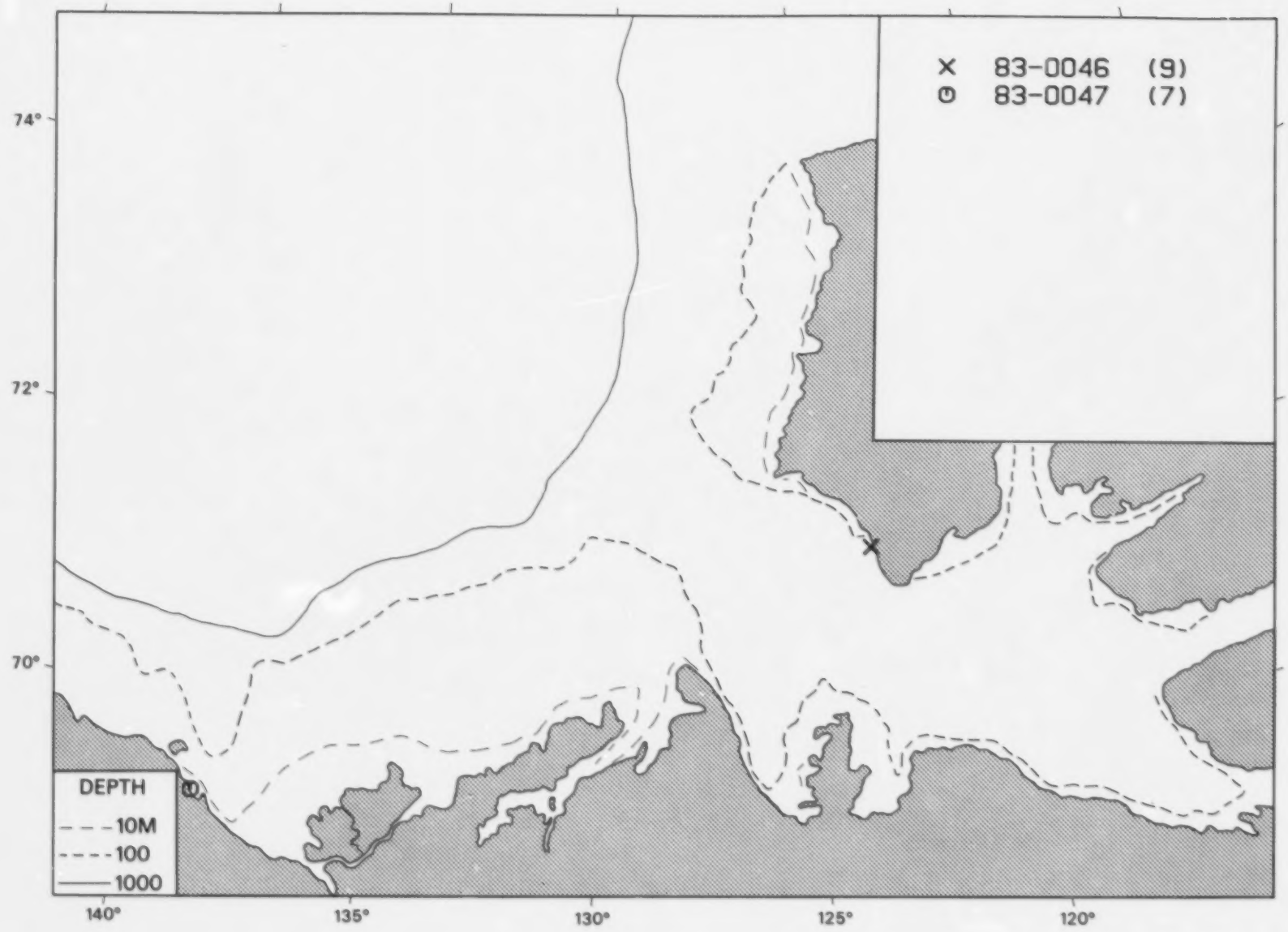
1000
82-0093 (1)
82-0094 (4)
82-0095 (6)
82-0097 (32)
82-0098 (95)


× 83-0046 (9)
⊖ 83-0047 (7)
74°
72°
70°
DEPTH
10M
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1000
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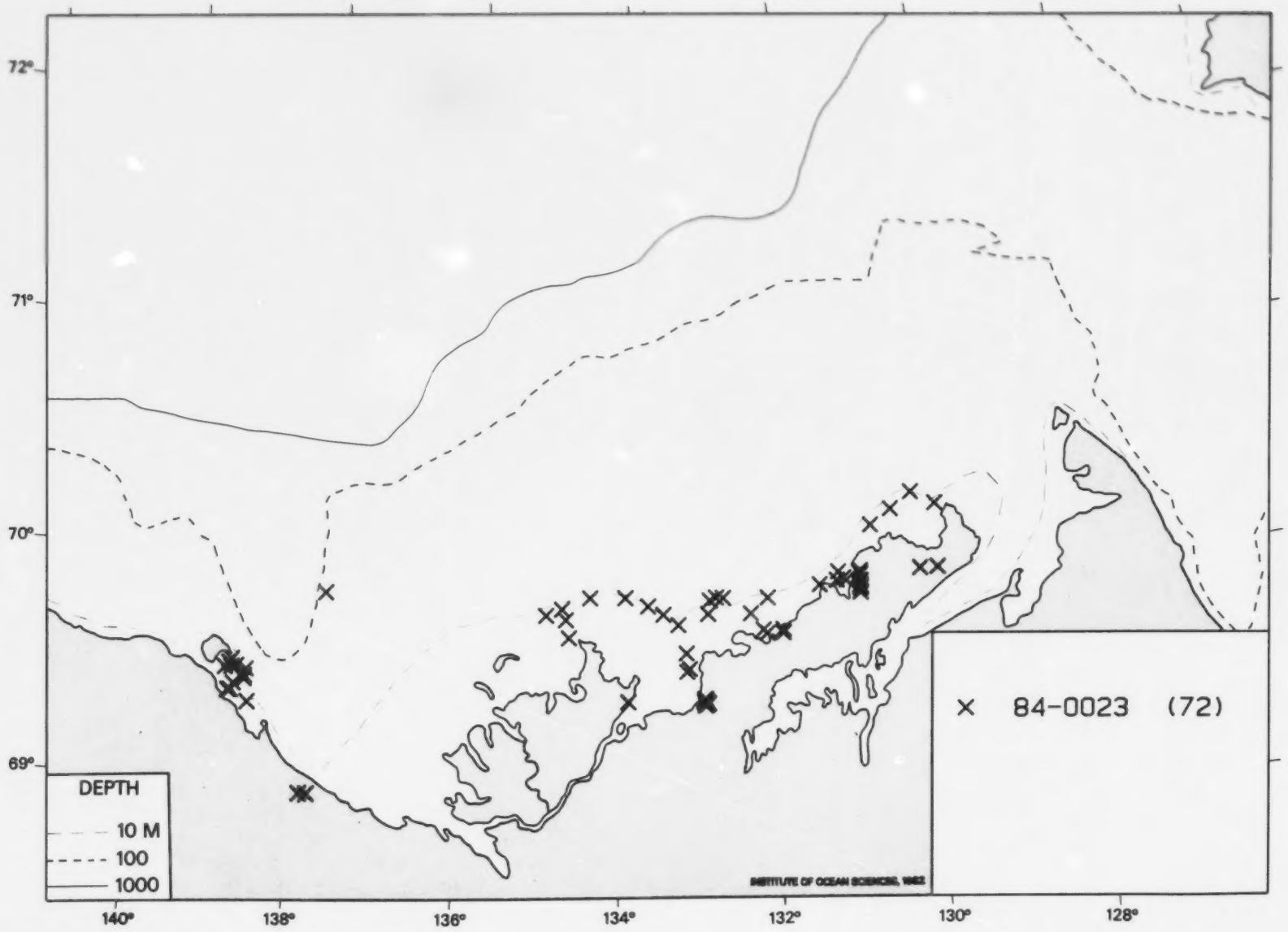
125°
120°


72°
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134°
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130°
128°
DEPTH
10 M
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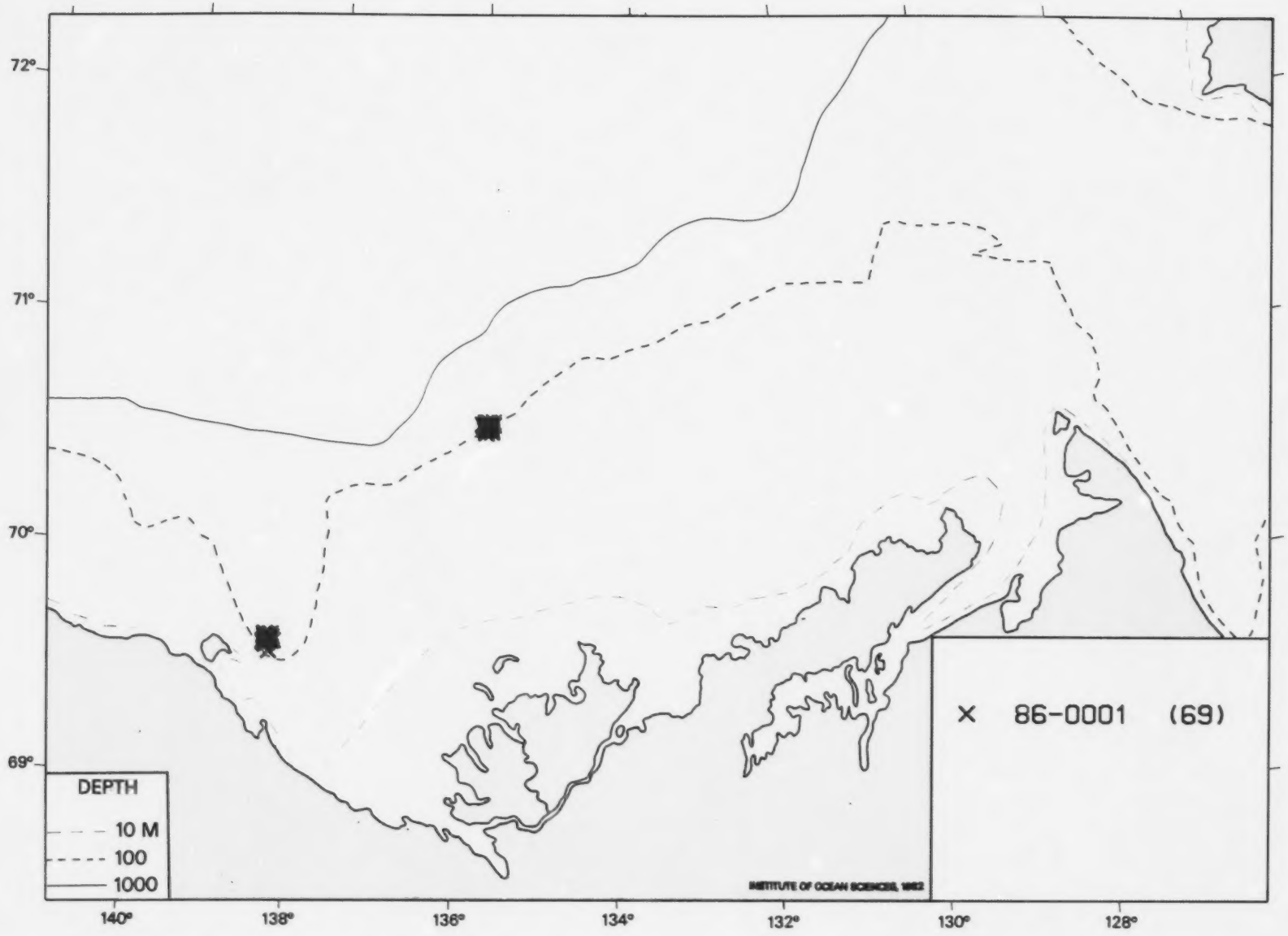
1000
× 84-0023 (72)


72°
71°
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69°
140°
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136°
134°
132°
130°
128°
DEPTH
10 M
100
1000
× 86-0001 (69)
INSTITUTE OF OCEAN SCIENCES, 1982

12. INDICES

12.1 GEOGRAPHIC INDEX

Amundsen Gulf	Baillie Island	Banks Island Shelf	Cape Parry	Darnley Bay	Eskimo Lakes
51-0002	62-0001	54-0003	75-0026	63-0001	55-0009
54-0003		81-0021	81-0005		61-0001
		83-0046			71-0004A
					71-0004B
					72-0004A
					72-0004B
					72-0004C
					73-0003B

Firth-Malcolm River Estuaries	Franklin Bay	Herschel Basin	Herschel Canyon	Kugmallit Bay	Liverpool Bay
74-0011	63-0001	60-0003	74-0117	71-0018A	61-0001
		75-0006B	75-0012A	71-0018B	71-0001A
				72-0012	
				73-0002	
				73-0016	
				75-0004	
				75-0012B	
				80-0004A	
				80-0004C	
				80-0031	
				82-0098	

Mackenzie Bay	Prince of Wales Strait	Shallow Bay	Thesiger Bay	Tuktoyaktuk Shelf
51-0002	62-0001	75-0042	54-0003	71-0001A
52-0001			81-0021	73-0002
71-0018A			83-0046	74-0008
72-0007				75-0006A
72-0012				75-0012A
73-0001				75-0012C
73-0002				76-0003
74-0001				76-0004
74-0003				76-0005
74-0008				77-0002A
74-0019				77-0002B
75-0004				77-0007
75-0025A				77-0009
75-0025B				78-0002
77-0009A				78-0018
77-0009B				79-0007
79-0025				79-0008
81-0009A				79-0026
81-0009B				80-0006
82-0094				80-0033
82-0095				80-0101A

12.2 TAXONOMIC INDEX

12.2.1 Phyla Index

Phyla	Data Set					
Annelida	51-0002	52-0001	54-0003	60-0003	71-0001A	71-0004A
	71-0004B	71-0018A	71-0018B	72-0004A	72-0004B	72-0004C
	72-0007	72-0012	73-0001	73-0002	73-0003B	73-0016
	74-0001	74-0003	74-0008	74-0011	74-0019	75-0004
	75-0006A	75-0012A	75-0012B	75-0012C	75-0025A	75-0025B
	75-0026	75-0042	76-0003	76-0004	76-0005	77-0002A
	77-0002B	77-0007	77-0009A	77-0009B	78-0002	78-0018
	79-0007	79-0026	80-0004A	80-0004C	80-0006	80-0031
	80-0033	80-0101A	80-0101B	81-0003C	81-0003X	81-0003Y
	81-0005	81-0009A	81-0009B	81-0018	81-0021	82-0093A
	82-0093B	82-0094	82-0095	82-0097	82-0098	83-0046
Arthropoda	60-0003	61-0001	62-0001	63-0001	71-0001A	71-0004A
	71-0004B	71-0018A	71-0018B	72-0004A	72-0004B	72-0004C
	72-0007	72-0012	73-0001	73-0002	73-0003B	73-0016
	74-0001	74-0003	74-0008	74-0011	74-0019	74-0117
	75-0004	75-0006A	75-0006B	75-0012A	75-0012B	75-0012C
	75-0025A	75-0025B	75-0026	75-0042	76-0003	76-0004
	76-0005	77-0002A	77-0002B	77-0007	77-0009A	77-0009B
	78-0002	78-0018	79-0007	79-0026	80-0004A	80-0004C
	80-0006	80-0031	80-0033	80-0101A	80-0101B	81-0003C
	81-0003X	81-0003Y	81-0005	81-0009A	81-0009B	81-0018
	81-0021	82-0093A	82-0093B	82-0094	82-0095	82-0097
	82-0098	83-0046				
Brachiopoda	75-0006A					
Bryozoa	60-0003	61-0001	62-0001	63-0001	71-0004A	72-0004B
	74-0008	75-0006A	75-0012C	77-0007	77-0009B	79-0007
	80-0004A	80-0004C	80-0006	80-0101A	80-0101B	81-0003X
	81-0009A	81-0009B	81-0018	81-0021	82-0094	82-0097
	82-0098	83-0046				
Chaetognatha	77-0002A	77-0002B	80-0004C	80-0006	81-0009A	
Chordata	60-0003	61-0001	62-0001	71-0004A	71-0004B	72-0004A
	72-0004B	73-0003B	74-0008	75-0006A	75-0012A	75-0012B
	75-0012C	77-0002A	77-0007	79-0007	80-0004C	80-0101A
	80-0101B	81-0009A	81-0009B	81-0018	81-0021	82-0094
	82-0097	82-0098	83-0046			
Cnidaria	60-0003	61-0001	62-0001	63-0001	71-0001A	72-0004B
	72-0007	73-0003B	74-0001	74-0003	74-0008	74-0117
	75-0004	75-0006A	75-0006B	75-0012A	75-0025B	75-0026
	76-0003	76-0004	77-0002A	77-0002B	77-0007	78-0002
	79-0007	80-0004A	80-0004C	80-0006	80-0031	80-0101A
	80-0101B	81-0003C	81-0003X	81-0003Y	81-0005	81-0009A
	81-0009B	81-0018	81-0021	82-0093A	82-0093B	82-0094
	82-0097	82-0098	83-0046			

12.2.1 Phyla Index (continued)

Phyla	Data Set					
Community	74-0117	75-0006B	76-0003	76-0004	76-0005	77-0009A
	77-0009B	79-0025	80-0006			
Ctenophora	77-0002A	77-0002B				
Echinodermata	51-0002	60-0003	61-0001	62-0001	63-0001	71-0001A
	73-0002	74-0008	74-0117	75-0006A	75-0006B	75-0012A
	75-0025B	75-0026	77-0007	78-0002	78-0018	79-0007
	80-0006	80-0033	80-0101A	80-0101B	81-0003C	81-0003X
	81-0003Y	81-0005	81-0009A	81-0009B	81-0018	81-0021
	82-0093A	82-0093B	82-0094	82-0097	83-0046	
Echiura	72-0007	80-0006	80-0101A	80-0101B	81-0021	82-0097
Hemichordata	79-0007	81-0005				
Mollusca	71-0001A	71-0004A	71-0004B	71-0018A	72-0004A	72-0004B
	72-0004C	72-0007	72-0012	73-0001	73-0002	73-0003B
	73-0016	74-0001	74-0003	74-0008	74-0019	75-0004
	75-0006A	75-0006B	75-0012A	75-0012B	75-0012C	75-0025A
	75-0025B	75-0026	76-0003	76-0004	76-0005	77-0002A
	77-0002B	77-0007	77-0009A	77-0009B	78-0002	78-0018
	79-0007	79-0008	79-0026	80-0004A	80-0004C	80-0006
	80-0031	80-0033	80-0101A	80-0101B	81-0003C	81-0003X
	81-0003Y	81-0005	81-0009A	81-0009B	81-0018	81-0021
	82-0093A	82-0093B	82-0094	82-0095	82-0097	82-0098
	83-0046					
NS	81-0009A	81-0009B	81-0021	82-0097	83-0046	
Nemata	71-0001A	71-0004A	71-0004B	71-0018A	72-0004A	72-0004B
	72-0004C	72-0012	73-0002	74-0001	74-0003	74-0008
	74-0011	75-0004	75-0006A	75-0012A	75-0012B	75-0012C
	75-0042	76-0004	76-0005	77-0002A	77-0002B	77-0009A
	77-0009B	80-0006	80-0031	80-0101A	81-0003C	81-0003X
	81-0003Y	81-0009A	81-0009B	81-0018	81-0021	82-0093A
	82-0094	82-0097	82-0098	83-0046		
Nemertea	71-0001A	71-0004A	71-0004B	72-0004B	72-0012	73-0002
	73-0003B	74-0008	75-0006A	75-0012A	75-0012B	75-0012C
	75-0025B	77-0002B	77-0007	77-0009A	79-0007	80-0004A
	80-0004C	80-0006	80-0101A	80-0101B	81-0003C	81-0003X
	81-0003Y	81-0009A	81-0009B	81-0018	81-0021	82-0093A
	82-0093B	82-0094	82-0095	82-0097	82-0098	83-0046
No benthos	72-0007	73-0001	73-0016	74-0001	74-0003	74-0011
	75-0004					
Platyhelminthes	75-0006A	77-0009A	77-0009B	80-0004C		
Pogonophora	74-0008	75-0006A				

12.2.1 Phyla Index (continued)

Phyla	Data Set					
Porifera	71-0004A	72-0004B	72-0004C	74-0008	75-0006B	77-0002A
	77-0002B	80-0004C	81-0003C	81-0005	81-0009A	81-0009B
	81-0021	82-0094				
Priapulida	71-0004A	72-0004B	72-0007	73-0002	74-0008	75-0006A
	75-0012A	75-0012B	75-0012C	75-0025A	75-0025B	76-0003
	76-0004	76-0005	77-0002A	77-0002B	77-0007	77-0009A
	77-0009B	78-0018	79-0007	79-0026	80-0004A	80-0004C
	80-0006	80-0031	80-0101A	81-0018	82-0095	82-0097
	82-0098					
Sipuncula	71-0001A	72-0007	73-0002	74-0001	74-0003	74-0008
	75-0004	75-0006A	75-0012A	76-0003	76-0004	77-0007
	77-0009A	77-0009B	78-0018	79-0007	80-0004A	80-0004C
	80-0006	80-0101A	80-0101B	81-0003C	81-0003Y	81-0005
	81-0009A	81-0009B	81-0018	81-0021	82-0094	82-0097
	83-0046					
Unknown	71-0004A	71-0004B	72-0004A	72-0004B	72-0004C	74-0003
	74-0008	75-0006A	75-0012A	75-0012C	80-0006	80-0101A
	80-0101B	82-0094	82-0097	82-0098	83-0046	

12.2.2 Class Index

Class	Data Set					
Adenophorea	72-0012	76-0005	77-0002A	77-0002B		
Anopla	77-0007	79-0007	80-0006	81-0003Y	82-0095	
Anthozoa	71-0001A	74-0008	74-0117	75-0006A	75-0006B	75-0012A
	75-0026	77-0007	79-0007	80-0004A	80-0004C	80-0006
	80-0031	80-0101A	80-0101B	81-0009A	81-0009B	81-0021
	82-0094	82-0097	83-0046			
Appendicularia	81-0009A					
Arachnida	74-0011	81-0003X	81-0005			
Articulata	75-0006A					
Ascidiacea	60-0003	61-0001	62-0001	71-0004A	71-0004B	72-0004A
	72-0004B	73-0003B	74-0008	75-0006A	75-0012A	75-0012B
	75-0012C	77-0002A	77-0007	79-0007	80-0004C	80-0101A
	80-0101B	81-0009A	81-0009B	81-0018	81-0021	82-0094
	82-0097	82-0098	83-0046			
Branchiopoda	74-0003	80-0004C				
Caudofoveata	75-0006A	75-0012A				
Cirripedia	71-0004A	72-0004B	73-0003B	81-0009A	81-0021	82-0095
	82-0097	83-0046				
Copepoda	72-0012	74-0001	74-0003	74-0011	75-0004	76-0003
	76-0004	77-0009A	77-0009B	78-0002	78-0018	79-0007
	80-0004C	80-0006	80-0031	80-0101A	80-0101B	81-0003C
	81-0003X	81-0003Y	81-0005	81-0009A	81-0009B	81-0018
	81-0021	82-0093B	82-0095	82-0098	83-0046	
Demospongiae	71-0004A	72-0004B	72-0004C	74-0008	82-0094	
Echinoidea	75-0026	81-0009B	81-0021	82-0097		
Enopla	72-0012					
Enteropneusta	79-0007	81-0005	81-0009A			
Gastropoda	71-0001A	71-0004A	71-0004B	71-0018A	72-0004A	72-0004B
	72-0004C	73-0002	73-0003B	74-0001	74-0003	74-0008
	75-0004	75-0006A	75-0006B	75-0012A	75-0012B	75-0025A
	75-0025B	77-0002A	77-0002B	77-0007	77-0009A	77-0009B
	78-0002	78-0018	79-0007	79-0026	80-0004A	80-0004C
	80-0006	80-0031	80-0033	80-0101A	80-0101B	81-0003C
	81-0003X	81-0003Y	81-0005	81-0009A	81-0009B	81-0018
	81-0021	82-0093A	82-0093B	82-0094	82-0097	82-0098
	83-0046					

12.2.2 Class Index (continued)

Class	Data Set					
Gymnolaemata	60-0003	61-0001	62-0001	63-0001	74-0008	77-0007
	77-0009B	79-0007	80-0004A	80-0004C	80-0101A	81-0009A
	81-0009B	81-0018	81-0021	82-0094	82-0097	83-0046
Hirudinoidea	74-0008					
Holothuroidea	71-0001A	73-0002	74-0008	75-0006A	75-0012A	75-0025B
	75-0026	80-0006	80-0033	80-0101A	80-0101B	81-0003C
	81-0003X	81-0003Y	81-0005	81-0009A	81-0018	81-0021
	82-0093A	82-0093B	82-0094	82-0097	83-0046	
Hydrozoa	60-0003	61-0001	62-0001	63-0001	72-0004B	72-0007
	73-0003B	74-0003	74-0008	75-0006B	75-0026	77-0002A
	77-0002B	77-0007	78-0002	79-0007	80-0004A	80-0004C
	80-0006	80-0101A	80-0101B	81-0003C	81-0003X	81-0003Y
	81-0005	81-0009A	81-0009B	81-0018	81-0021	82-0093A
	82-0093B	82-0094	82-0097	82-0098	83-0046	
Insecta	71-0018A	71-0018B	74-0011	75-0012C	75-0042	76-0005
	80-0031					
Malacostraca	60-0003	61-0001	62-0001	63-0001	71-0001A	71-0004A
	71-0004B	71-0018A	71-0018B	72-0004A	72-0004B	72-0004C
	72-0007	72-0012	73-0001	73-0002	73-0003B	73-0016
	74-0001	74-0003	74-0008	74-0011	74-0019	74-0117
	75-0004	75-0006A	75-0006B	75-0012A	75-0012B	75-0012C
	75-0025A	75-0025B	75-0026	75-0042	76-0003	76-0004
	76-0005	77-0002A	77-0002B	77-0007	77-0009A	77-0009B
	78-0002	78-0018	79-0007	79-0026	80-0004A	80-0004C
	80-0006	80-0031	80-0033	80-0101A	80-0101B	81-0003C
	81-0003X	81-0003Y	81-0005	81-0009A	81-0009B	81-0018
	81-0021	82-0093A	82-0093B	82-0094	82-0095	82-0097
	82-0098	83-0046				
Oligochaeta	71-0001A	71-0004A	71-0018A	72-0004B	73-0002	73-0016
	74-0001	74-0003	74-0008	74-0011	75-0004	75-0006A
	75-0012A	75-0012B	75-0012C	75-0025A	75-0025B	75-0042
	76-0003	76-0005	77-0002A	77-0002B	80-0004A	80-0004C
	80-0031	80-0101B	81-0003Y	81-0005	81-0009A	81-0018
	81-0021	82-0094	82-0095	82-0097	82-0098	83-0046
Ostracoda	71-0001A	73-0002	74-0001	74-0003	74-0008	74-0011
	75-0004	75-0006A	75-0012A	75-0012B	75-0012C	75-0025A
	75-0025B	76-0003	76-0004	76-0005	77-0007	77-0009A
	77-0009B	78-0018	79-0007	80-0006	80-0031	80-0033
	80-0101A	81-0003C	81-0003X	81-0003Y	81-0005	81-0009A
	81-0009B	81-0018	81-0021	82-0093B	82-0094	82-0095
	82-0097	82-0098	83-0046			

12.2.2 Class Index (continued)

Class	Data Set					
Pelecypoda	71-0001A	71-0004A	71-0004B	71-0018A	72-0004A	72-0004B
	72-0004C	72-0007	72-0012	73-0001	73-0002	73-0003B
	73-0016	74-0001	74-0003	74-0008	74-0019	75-0004
	75-0006A	75-0006B	75-0012A	75-0012B	75-0012C	75-0025A
	75-0025B	75-0026	76-0003	76-0004	76-0005	77-0002A
	77-0002B	77-0007	77-0009A	77-0009B	78-0002	78-0018
	79-0007	79-0008	79-0026	80-0004A	80-0004C	80-0006
	80-0031	80-0033	80-0101A	80-0101B	81-0003C	81-0003X
	81-0003Y	81-0005	81-0009A	81-0009B	81-0018	81-0021
	82-0093A	82-0093B	82-0094	82-0095	82-0097	82-0098
	83-0046					
Phylactolaemata	80-0006	81-0003X				
Pogonophora	74-0008	75-0006A				
Polychaeta	51-0002	52-0001	54-0003	60-0003	71-0001A	71-0004A
	71-0004B	71-0018A	71-0018B	72-0004A	72-0004B	72-0004C
	72-0007	72-0012	73-0001	73-0002	73-0003B	73-0016
	74-0001	74-0003	74-0008	74-0011	74-0019	75-0004
	75-0006A	75-0012A	75-0012B	75-0012C	75-0025A	75-0025B
	75-0026	76-0003	76-0004	76-0005	77-0002A	77-0002B
	77-0007	77-0009A	77-0009B	78-0002	78-0018	79-0007
	79-0026	80-0004A	80-0004C	80-0006	80-0031	80-0033
	80-0101A	80-0101B	81-0003C	81-0003X	81-0003Y	81-0005
	81-0009A	81-0009B	81-0018	81-0021	82-0093A	82-0093B
	82-0094	82-0095	82-0097	82-0098	83-0046	
Pycnogonida	60-0003	61-0001	73-0002	74-0117	75-0006A	80-0006
	80-0101B	81-0009A	81-0021	83-0046		
Sagittoidea	77-0002A	77-0002B	80-0004C	80-0006	81-0009A	
Scaphopoda	75-0012A					
Scyphozoa	72-0007	75-0025B	81-0009B			
Solenogastres	75-0006A					
Stelleroidea	51-0002	60-0003	61-0001	62-0001	63-0001	71-0001A
	73-0002	74-0008	74-0117	75-0006A	75-0006B	77-0007
	78-0002	78-0018	79-0007	80-0006	80-0101A	80-0101B
	81-0003C	81-0003X	81-0003Y	81-0009A	81-0009B	81-0018
	81-0021	82-0093A	82-0093B	82-0094	82-0097	83-0046
Stenolaemata	77-0007	79-0007	80-0101A	81-0021	82-0094	
Turbellaria	75-0006A	77-0009A	77-0009B	80-0004C		

12.2.3 Order Index (Malacostraca ONLY)

Order	Data Set
Amphipoda	71-0001A 71-0004A 71-0004B 71-0018A 71-0018B 72-0004A 72-0004B 72-0004C 72-0007 72-0012 73-0001 73-0002 73-0003B 73-0016 74-0001 74-0003 74-0008 74-0011 74-0019 75-0004 75-0006A 75-0012A 75-0012B 75-0012C 75-0025A 75-0025B 75-0026 75-0042 76-0003 76-0005 77-0002A 77-0002B 77-0007 77-0009A 77-0009B 78-0002 78-0018 79-0007 79-0026 80-0004A 80-0004C 80-0006 80-0031 80-0033 80-0101A 80-0101B 81-0003C 81-0003Y 81-0005 81-0009A 81-0009B 81-0018 81-0021 82-0093A 82-0093B 82-0094 82-0095 82-0097 82-0098 83-0046
Cumacea	62-0001 63-0001 71-0001A 71-0004A 71-0004B 71-0018A 72-0004A 72-0004B 72-0004C 72-0007 72-0012 73-0002 73-0003B 74-0001 74-0003 74-0008 75-0004 75-0006A 75-0012A 75-0012B 75-0012C 75-0025A 75-0025B 76-0004 76-0005 77-0002A 77-0002B 77-0007 77-0009A 78-0002 78-0018 79-0007 79-0026 80-0004A 80-0004C 80-0006 80-0101A 80-0101B 81-0003C 81-0003Y 81-0005 81-0009A 81-0009B 81-0018 81-0021 82-0094 82-0095 82-0097 82-0098 83-0046
Decapoda	60-0003 61-0001 62-0001 63-0001 74-0008 75-0006A 75-0026 77-0007 79-0007 80-0004A 80-0004C 80-0006 80-0101B 81-0005 81-0021 83-0046
Euphausiacea	74-0003 76-0003 77-0002A 77-0002B 77-0009A 77-0009B 80-0004C
Isopoda	71-0001A 71-0018A 72-0004B 72-0007 72-0012 73-0002 73-0016 74-0001 74-0003 74-0008 74-0011 74-0019 74-0117 75-0004 75-0006A 75-0006B 75-0012A 75-0012B 75-0012C 75-0025A 75-0025B 76-0003 76-0005 77-0002A 77-0002B 77-0007 77-0009A 77-0009B 78-0002 78-0018 79-0007 80-0004A 80-0004C 80-0006 80-0031 80-0033 80-0101A 80-0101B 81-0003C 81-0003X 81-0003Y 81-0009A 81-0009B 81-0018 81-0021 82-0093A 82-0094 82-0095 82-0097 82-0098 83-0046
Mysidacea	71-0018A 72-0007 73-0002 74-0003 74-0008 74-0011 75-0004 75-0012B 75-0012C 75-0025A 75-0025B 76-0003 76-0004 77-0002A 77-0002B 80-0004C 80-0006 80-0031 80-0101A 80-0101B 81-0009B 81-0021 82-0093A 82-0097 82-0098 83-0046
Tanaidacea	71-0001A 73-0002 74-0008 75-0006A 75-0012A 76-0003 77-0007 77-0009A 77-0009B 78-0002 78-0018 79-0007 80-0006 80-0033 80-0101A 80-0101B 81-0003C 81-0003X 81-0003Y 81-0009A 81-0009B 81-0018 81-0021 82-0093A 82-0093B 82-0094 82-0097 83-0046

12.3 SAMPLING METHOD INDEX

The following list provides an index to the data sets by method of sampling. The abbreviations for method of sampling given below are defined at the preface to Table 3 (page 247). Entries in quotation marks below are given as they appear in source documents and are of dubious accuracy.

Method	Data Set
"Dredge"	62-0001
"Longline"	63-0001
"OTrawl"	60-0003
	62-0001
	63-0001
"Pl. Net"	60-0003
"Seine"	60-0003
	62-0001
	63-0001
ABS Dredge	75-0006A
Airlift 1	81-0009A
	81-0009B
	82-0094
Airlift 2	81-0021
	83-0046
B-Ekm/500	81-0003X
	82-0093A
	82-0093B
BTrawl	74-0003
BTrawl2	72-0007
Dredge/NOS	55-0009
	73-0016
ETrawl	77-0002A
	77-0002B
ETrawl2	75-0025A
	75-0025B
Ekm/425	75-0042
Ekm/500	74-0019
Grab/200	71-0018A
	71-0018B
Grab/500	79-0007
	79-0008
Hand	81-0021
	83-0046
MVV/500	82-0094
	82-0097
	83-0046
MVV2/500	81-0003C
	81-0003Y
Mixed/500	74-0008
NS	51-0002
	52-0001
	54-0003
	60-0003
	61-0001
	62-0001
	63-0001
	72-0007
	80-0033
OTrawl	60-0003
	61-0001
	62-0001
OTrawl3	86-0001
PD/500	79-0025
PED/500	80-0101A
	80-0101B
PG/450	74-0011
PG/470	77-0009A
	77-0009B
PG/500	80-0004A
	80-0004C
	81-0005
	81-0018
	82-0097
	83-0046
PG2/500	72-0004A
	73-0002
	80-0006
PeG/847	72-0007
Pisces IV	74-0117
	75-0006B
PtG/500	71-0001A
	71-0004A
	71-0004B
	72-0004B
	72-0004C
	73-0003B
	75-0012A
	75-0012B
	75-0012C
Quadrat/847	72-0007
Seine	62-0001
Sled	75-0004
	76-0003
SmMac/500	86-0001
TBEkm/200	72-0012
	80-0031
TBEkm/500	76-0003
	76-0004
	76-0005
	82-0095
	82-0098

12.3 SAMPLING METHOD INDEX (continued)

Method	Data Set
TEKm/500	75-0004
	73-0001
	74-0001
	74-0003
	75-0025A
	75-0025B
UW Still 1	81-0021
	82-0097
	83-0046

Method	Data Set
UW Still 2	81-0009A
	81-0009B
UW Video 1	82-0097
UW Video 2	81-0009A
	81-0009B
	81-0021
	83-0046
VV2/500	81-0018

Method	Data Set
VV3/500	77-0007
	78-0002
	78-0018
WEkm/NS	77-0002A
	77-0002B
WPE/500	75-0006A
WPG/NS	75-0026

12.4 MEASUREMENT INDEX

Measurement	Data Sets			
age	62-0001	63-0001		
biomass	74-0117	75-0006B		
body length	81-0005			
carapace length	63-0001			
enumeration	60-0003	61-0001	62-0001	63-0001
	71-0001A	71-0004A	71-0004B	71-0018A
	71-0018B	72-0004A	72-0004B	72-0004C
	72-0007	73-0001	73-0002	73-0003B
	74-0001	74-0003	74-0008	74-0011
	74-0019	75-0004	75-0006A	75-0006B
	75-0012A	75-0012B	75-0012C	75-0025A
	75-0025B	75-0026	75-0042	76-0003
	76-0004	76-0005	77-0002A	77-0002B
	77-0007	77-0009A	77-0009B	78-0002
	78-0018	79-0007	79-0025	79-0026
	80-0004A	80-0004C	80-0006	80-0031
	80-0033	80-0101A	80-0101B	81-0003C
	81-0003X	81-0003Y	81-0005	81-0009A
	81-0009B	81-0018	81-0021	82-0093A
	82-0093B	82-0094	82-0095	82-0097
	82-0098	83-0046		
formalin dry biomass	71-0001A	71-0004A	71-0004B	72-0004A
	72-0004B	72-0004C	73-0002	73-0003B
	74-0008	75-0006A	75-0012A	75-0012B
	75-0012C	75-0025A	75-0025B	77-0007
	78-0002	78-0018	79-0007	80-0004A
	80-0004C	80-0101A	80-0101B	82-0094
	82-0097	83-0046		
formalin wet biomass	77-0009A	77-0009B	79-0025	80-0004A
	80-0004C	80-0006	80-0101A	80-0101B
	81-0005	81-0009A	81-0009B	81-0018
	81-0021	82-0094	82-0097	83-0046
histopathological examination	79-0008	81-0005		

12.4 MEASUREMENT INDEX (continued)

Measurement	Data Sets			
identification	51-0002	52-0001	54-0003	60-0003
	61-0001	62-0001	63-0001	71-0001A
	71-0004A	71-0004B	71-0018A	71-0018B
	72-0004A	72-0004B	72-0004C	72-0007
	72-0012	73-0001	73-0002	73-0003B
	73-0016	74-0001	74-0003	74-0008
	74-0011	74-0019	75-0004	75-0006A
	75-0012A	75-0012B	75-0012C	75-0025A
	75-0025B	75-0026	75-0042	76-0003
	76-0004	76-0005	77-0002A	77-0002B
	77-0007	77-0009A	77-0009B	78-0002
	78-0018	79-0007	79-0008	79-0026
	80-0004A	80-0004C	80-0006	80-0031
	80-0033	80-0101A	80-0101B	81-0003C
	81-0003X	81-0003Y	81-0005	81-0009A
	81-0009B	81-0018	81-0021	82-0093A
	82-0093B	82-0094	82-0095	82-0097
	82-0098	83-0046		
morphometric description	60-0003	61-0001	62-0001	63-0001
none	81-0009A	81-0009B	81-0021	82-0097
	83-0046			
preserved dry biomass	76-0003	76-0004		
preserved wet biomass	76-0003	76-0004	76-0005	
reproductive condition	63-0001			
sex	62-0001	63-0001	79-0008	81-0005
shell length	80-0004A	80-0004C	81-0005	
stomach contents	63-0001			
visual observations	74-0117	75-0006B		

12.5 REFERENCES BY DATA SET

This index identifies the documents and information corresponding to each data set and potential sources where they may be obtained.

Data Set I.D.	Reference	Availability
13-0001	Canadian Arctic Expedition 1913-1918. Report of the Canadian Arctic Expedition. Vols. 3, 5, 6, 7, 8 and 9 1919-1922. King's Printer, Ottawa.	Public
	Steele, D.H., and P. Brunel 1968. Collections of Amphipods of the Genus Anonyx, Mainly From the Atlantic and Arctic Coasts of North America. Fish. Res. Bd. Can. Tech. Rep. No. 47	Public
	Note Re: Datasets 51-0001 to 54-0003	
	Various documentation investigated makes reference to a joint Canadian - United States Western Arctic Study in 1951 to 1954 with Dr. F. Neave of the Pacific Biological Station as a central figure. Archived files (Nos. B2/3/5 12/5 5/4) at the Pacific Biological Station may contain additional details and/or zoobenthic data. Inquiries should be directed to: the Librarian, Pacific Biological Station, Hammond Bay Rd., Nanaimo, B.C. Inquiries directed to the U.S. Navy Hydrographic Office and Scripps Institute of Oceanography may also be productive.	
51-0001	Carsola, A.J. 1954. Recent Marine Sediments from Alaskan and Northwest Canadian Arctic. Sci. Bull. Am. Assoc. Petr. Geol. 38 (7):1552-1556.	Public
	U.S. Navy Hydrographic Office. 1954. Oceanographic Observations USS Burton Island, 1950-1953. H.O. Pub. 618-C, U.S. Navy Hydrographic Office, Washington, D.C.	U.S. NODC; IOS Technical Records
	Note: The above references contain only cursory information on the benthic sampling program.	
51-0002	Berkeley, E., and C. Berkeley. 1956. On a collection of polychaetous annelids from northern Banks Island, from the south Beaufort sea, and from northwest Alaska, together with some new records from the east coast of Canada. J. Fish. Res. Board Can.	Public
	Grainger, E.H. 1966. Sea Stars (Echinodermata: Asteroidea) of Arctic North America. Fish. Res. Board Can. Bull. 152, 71 pp.	Public

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
52-0001	See 51-0002 - Berkeley and Berkeley. 1956.	
	Cameron, W.M. 1953. Hydrography and Oceanography of the Southeast Beaufort Sea and Amundsen Gulf. Inst. of Oceanography, Univ. of British Columbia. (Unpublished manuscript)	IOS Technical Records
54-0003	See 51-0002 - Berkeley and Berkeley. 1956.	
	U.S. Navy Hydrographic Office. 1956. Oceanographic Survey Results, Beaufort Sea Area, Summer 1954. USS Burton Island (AGB-1) and USCGC Northwind WAGB-282( ). H.O. Pub. 15791, U.S. Navy Hydrographic Office, Washington, D.C.	U.S. NODC; IOS Technical Records
55-0009	Hunter, J.G., and S.T. Leach. 1983. Station Lists of Fisheries Investigations Carried Out by the Arctic Biological Station During the Years 1947 to 1979. Can. Data Rep. Fish. Aquat. Sci. 413, 220 pp.	Public
	Bray, J.R. 1962. Zoogeography and Systematics of Isopoda of the Beaufort Sea. MSc thesis, Dept. Zoology, McGill University, Montreal, Que. 138 pp.	McGill U.; Seakem
	McCrimmon, H., and J. Bray. 1962. Observations of the isopod Mesidotea entomon in the western Canadian Arctic Ocean. J. Fish. Res. Board Can. 19(3):489-96.	Public
60-0003	Berkeley, E., and C. Berkeley. 1962. Polychaeta from British Columbia, with a note on some western Canadian Arctic forms. Can. J. Zool. 40:571-7.	Public
	Calder, D.R. 1970. Thecate hydroids from the shelf waters of northern Canada. J. Fish. Res. Board Can. 27:1501-47.	Public
	See 51-0002 - Grainger. 1966.	
	Hedgpeth, J.W. 1963. Pycnogonida of the North American Arctic. J. Fish. Res. Board Can. 20(5):1315-45.	Public
	See 55-0009 - Hunter and Leach. 1983.	
	Powell, N.A. 1968. Bryozoa (Polyzoa) of Arctic Canada. J. Fish. Res. Board Can. 25(11):2269-320.	Public

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
60-0003 (Cont'd.)	Squires, H.J. 1969. Decapod crustacea of the Beaufort Sea and Arctic waters eastward to Cambridge Bay, 1960-65. J. Fish. Res. Board Can. 26:1899-918.	Public
	Trason, W.B. 1964. Ascidians of the Canadian Arctic waters. J. Fish. Res. Board Can. 21(6):1505-17.	Public
61-0001	See 60-0003 - Calder. 1970.	
	See 51-0002 - Grainger. 1966.	
	See 60-0003 - Hedgpeth. 1963.	
	See 55-0009 - Hunter and Leach. 1983.	
	See 60-0003 - Powell. 1968.	
	See 60-0003 - Squires. 1969.	
	See 60-0003 - Trason. 1964.	
62-0001	See 60-0003 - Calder. 1970.	
	Calder, D.R. 1972. Some athecate hydroids from the shelf waters of northern Canada. J. Fish. Res. Board Can. 29:217-28.	Public
	Corey, S. 1981. Distribution of certain arctic and subarctic cumacea in Canadian waters. Can. J. Zool. 59:1726-33.	Public
	See 51-0002 - Grainger. 1966.	
	See 55-0009 - Hunter and Leach. 1983.	
	See 60-0003 - Powell. 1968.	
	See 60-0003 - Squires. 1969.	
	See 60-0003 - Trason. 1964.	
63-0001	See 60-0003 - Calder. 1970.	
	Canadian Oceanographic Data Centre. 1963. 1963 Data Record Series No. 5, Cape Parry Area, N.W.T. (C.R.N. 377). Canadian Oceanographic Data Centre, Energy Mines and Resources, Ottawa, 43 pp.	

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
63-0001 (Cont'd.)	See 51-0002 - Grainger. 1966.	
	See 60-0003 - Powell. 1968.	
	See 60-0003 - Squires. 1969.	
70-0002	Wagner, F.E. 1977. Recent Mollusc Distribution Patterns and Palaeobathymetry, Southeastern Beaufort Sea. Can. J. Earth. Sci. 14:2013-2028.	Public
	Wagner, F.J.E. 1984. Illustrated catalogue of the Mollusca (Gastropoda and Bivalvia) in the Atlantic Geoscience Centre Index Collection. Geological Survey of Canada Manuscript Cat. No. M40-43/1984E 76 pp.	Public
	Vilks, G., F.J.E. Wagner and B.R. Pelletier. 1979. The Holocene Marine Environment of the Beaufort Sea. Geol. Surv. Can. Bull. 303.	Public
	Atlantic Geoscience Centre. (Unpublished Data - Hudson, Parizeau and Richardson cruises 1970-72), AGC Curation, Bedford Institute of Oceanography, P.O. Box 1006, Dartmouth, N.S., B2Y 4A2	Unpublished, AGC
	Note: A large body of data is archived in the form of an extensive card file and reference collection at the address above.	
70-0003	See 70-0002	
70-0009	See 70-0002	
71-0001A	Wacasey, J.W. 1974. Biological Oceanographic Observations in the Eskimo Lakes, Arctic Canada. I. Zoobenthos Data, 1971 - 1973. Fisheries and Marine Service Technical Report No. 475, 69 pp.	Public
	Wacasey, J.W., E.G. Atkinson, L. Derick and A. Weinstein. 1977. Zoobenthos Data from the Southern Beaufort Sea, 1971 - 1975. Fisheries and Marine Service Data Report No. 41, 187 pp.	Public
71-0001B	See 71-0001A	
71-0004A	See 71-0001A	
71-0004B	See 71-0001A	
71-0014	See 70-0002	

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
71-0018A	Brunskill, G.J., D.M. Rosenberg, N.B. Snow, G.L. Vascotto and R. Wagemann. 1973. Ecological Studies of Aquatic Systems in the Mackenzie-Porcupine Drainages in Relation to Proposed Pipeline and Highway Developments. Vols. 1 & 2. Can. Task Force on Northern Oil Development, Environmental-Social Committee	IOS Library
	Wiens, A.P., D.M. Rosenberg and N.B. Snow. 1975. Species List of Aquatic Plants and Animals Collected from the Mackenzie and Porcupine River Watersheds from 1971-1973. Fish. Mar. Serv. Tech. Rep. 557.	Public
71-0018B	See 71-0018A	
71-0111	See 70-0002	
72-0004A	See 71-0001A	
72-0004B	See 71-0001A	
72-0004C	See 71-0001A	
72-0007	Slaney, F.F., and Company Ltd. 1973b. Environmental Impact Assessment Immerk Artificial Island Construction Mackenzie Bay, N.W.T. Volume II Environmental Studies. A report for Imperial Oil Limited (Unpublished manuscript) 59 pp. + appendices	Unpublished, IOS Technical Records
72-0009	See 70-0002	
72-0012	See 71-0018A	
73-0001	See 72-0007	
73-0002	See 71-0001A - Wacasey et al. 1977.	
73-0003B	See 71-0001A	
73-0016	Slaney, F.F., and Company Ltd. 1973. Preliminary Assessment Aquatic Resources Tuktoyaktuk Harbour. A report for Imperial Oil Limited (Unpublished manuscript) 12 pp.	Unpublished, IOS Technical Records
73-0036	See 55-0009 - Hunter and Leach. 1983.	
	Note: Information regarding this dataset is found in various publications by J.A. Percy, but not found in any of J.W. Wacasey's publications	

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
74-0001	Slaney, F.F., and Company Ltd. 1974a. 1973-1974 Winter Benthic and Oceanographic Surveys Offshore Mackenzie delta, N.W.T. A report for Imperial Oil Limited (Unpublished manuscript) 26 pp. + appendices	Unpublished, IOS Technical Records
74-0003	Slaney, F.F., and Company Ltd. 1975. Summer Environmental Program Mackenzie River Estuary Volume 1 Aquatic Studies. A report for Imperial Oil Limited (Unpublished manuscript) 156 pp. + appendices	Unpublished, IOS Technical Records
74-0008	See 71-0001A - Wacasey et al. 1977.	
74-0011	Griffiths, W., P. Craig, G. Walder and G. Mann. 1975. Chapter II. Fisheries investigations in a coastal region of the Beaufort Sea (Nunaluk Lagoon, Yukon Territory). 219 pp. (In:) P.C. Craig, editor. Fisheries Investigations in a Coastal Region of the Beaufort Sea. Arctic Gas Biological Report Series Vol. 34	IOS Library
74-0019	Slaney, F.F., and Company Ltd. 1974b. Winter Environmental Program Unark, Pelly and Garry Artificial Island Sites East Mackenzie Bay, N.W.T. A report for Sunoco E&P Limited (Unpublished manuscript) 34 pp. + tables	Unpublished, IOS Technical Records
74-0117	See 71-0001A - Wacasey et al. 1977.	
75-0004	Slaney, F.F., and Company Ltd. 1976a. Summer Environmental Program Mackenzie River Estuary Volume 1 Aquatic Studies. A report for Imperial Oil Limited (Unpublished manuscript) 149 pp. + appendices	Unpublished, IOS Technical Records
75-0006A	See 71-0001A - Wacasey et al. 1977.	
75-0006B	See 71-0001A - Wacasey et al. 1977.	
75-0012A	See 71-0001A - Wacasey et al. 1977.	
75-0012B	See 75-0012A	
75-0012C	See 75-0012A	

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
75-0025A	Kendel, R.E., R.A.C. Johnston, U. Lobsiger and M.D. Kozak. 1975. Fishes of the Yukon Coast. Beaufort Sea Project Technical Report No. 6, Environment Canada, Victoria, B.C.	Public
	See 71-0001A - Wacasey et al. 1977.	
75-0025B	See 75-0025A	
75-0026	NORCOR Engineering and Research Limited. 1975. The Interaction of Crude Oil with Arctic Sea Ice. Beaufort Sea Project Technical Report No. 27, Environment Canada, Victoria, B.C.	Public
75-0042	de Graaf, D., and K. Machniak. 1977. Chapter IV. Fisheries Investigations Along the Cross Delta Pipeline Route in the Mackenzie Delta. 109 pp. (In:) P. McCart, editor, Studies to Determine The Impact of Gas Pipeline Development on Aquatic Ecosystems. Arctic Gas Biological Report Series Vol. 39	IOS Library
75-0060	See 55-0009 - Hunter and Leach. 1983.	
	Note: Information regarding this dataset is found in various publications by J.A. Percy, but not found in any of J.W. Wacasey's publications	
76-0003	Slaney, F.F., and Company Ltd. 1977b. Bio-Physical Data Appendix Artificial Island Sites. A report for Imperial Oil Limited (Unpublished manuscript)	Unpublished, IOS Technical Records
	Slaney, F.F., and Co. Ltd. 1976b. Summer Heavy Metal Studies, Netserk F-40 Artificial island. Report for Imperial Oil Ltd. (Unpublished manuscript)	Unpublished, IOS Technical Records
76-0004	Slaney, F.F., and Company Ltd. 1977a. 1976 Summer Aquatic Studies Arnak L-30 Artificial Island Site and Tuft Point Borrow Site. A report for Imperial Oil Limited (Unpublished manuscript)	Unpublished, IOS Technical Records
76-0005	See 76-0004	
76-0020	See 55-0009 - Hunter and Leach. 1983.	
	Note: Information regarding this dataset is found in various publications by J.A. Percy, but not found in any of J.W. Wacasey's publications	

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
76-0036	Slaney, F.F., and Co. Ltd. 1976c. Environmental Studies Hans Bay Region 1976 Volume 1. Aquatic Studies. Report for Gulf Oil Canada Ltd. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Slaney, F.F., and Co. Ltd. 1976d. Lake and Stream Catalogue Hans Bay Region. Report for Gulf Oil Canada Ltd. (Unpublished manuscript)	Unpublished, IOS Technical Records
76-0052	See 55-0009 - Hunter and Leach. 1983.	
	Note: Information regarding this dataset is found in various publications by J.A. Percy, but not found in any of J.W. Wacasey's publications	
77-0002A	Jones, M.L., and J. den Beste. 1977. Tuft Point and Adjacent Coastal Areas Fisheries Project. A report by Aquatic Environments Limited for Imperial Oil Limited (Unpublished manuscript) 151 pp.	Unpublished, IOS Technical Records
77-0002B	See 77-0002A	
77-0007	Thomas, D.J. 1978a. Copper, Zinc, Cadmium, Lead, Chromium, Mercury and Iron in Sediment, Seawater and Zoobenthos at Selected Dome Drill Sites in the Beaufort Sea Summer 1977. A report by Seakem Oceanography Ltd. for Dome Petroleum Limited (Unpublished manuscript)	Unpublished, IOS Technical Records
	Seakem Oceanography Ltd. - Unpublished Data. P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Seakem
77-0008	Beak Consultants Limited. 1978. Heavy Metals Project Mackenzie Delta and Estuary. A report for Imperial Oil Limited (Unpublished manuscript) 63 pp. + appendices.	Unpublished, IOS Technical Records
	Beak Consultants Limited. 1978. Heavy Metals Project Mackenzie Delta and Estuary - An Addendum. A report for Imperial Oil Limited (Unpublished manuscript) 53 pp.	Unpublished, IOS Technical Records
77-0009A	Envirocon Ltd. 1977. Isserk Artificial Island Environmental Baseline and Monitoring Study 1977. A report for Imperial Oil Limited (Unpublished manuscript) 130 pp. + appendices.	Unpublished, IOS Technical Records
77-0009B	See 77-0009A	

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
77-0020	Hillaby, B. 1977. Field Notes of Fisheries Investigations at King Point Lagoon, Yukon Territory for Dept. of Fish. and Oceans, Vancouver, B.C. (Unpublished manuscript)	Unpublished, B. Hillaby
77-0034	See 55-0009 - Hunter and Leach. 1983.	
	Note: Information regarding this dataset is found in various publications by J.A. Percy, but not found in any of J.W. Wacasey's publications	
77-0035	See 55-0009 - Hunter and Leach. 1983.	
	Note: Information regarding this dataset is found in various publications by J.A. Percy, but not found in any of J.W. Wacasey's publications	
78-0002	Thomas, D.J. 1978b. Tingmiark K-91 and Kopanoar D-14: A Chemical Study One Year After the Occurrence of Water Flow, July 1978. A report by Seakem Oceanography Ltd. for Canadian Marine Drilling Ltd. (Unpublished manuscript) 126 pp.	Unpublished, IOS Technical Records
	Seakem Oceanography Ltd. - Unpublished Data. P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Seakem
78-0018	Thomas, D.J. 1978c. A Baseline Chemical Survey at Tarsiut A-25, July 1978. A report by Seakem Oceanography Ltd. for Canadian Marine Drilling Ltd. (Unpublished manuscript) 35 pp.	Unpublished, IOS Technical Records
	Seakem Oceanography Ltd. - Unpublished Data. P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Seakem
78-0030	Dept. of Fisheries and Oceans, Freshwater Institute - (Unpublished Data). 501 University Cres., Winnipeg, Man.	Unpublished, Freshwater Institute
79-0007	Thomas, D.J. 1979. A Baseline Chemical Survey at Kilannak A-77. A report by Arctic Laboratories Limited for Canadian Marine Drilling Ltd. (Unpublished manuscript) 44 pp.	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
79-0008	Brown, D.A., K.A. Thompson and D.J. Thomas. 1979. A Histopathological Examination of Organisms From Tingmiark K-91, Ukalerk C-50, Ukalerk 2C-50 and Kenalooak J-94 (1979). A report by Arctic Laboratories Limited for Canadian Marine Drilling (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs
79-0025	Osborne, J.M., and J.K. Nixon. 1980. A comparison of benthic invertebrate population densities at two artificial islands in the Beaufort Sea. A paper presented at the Government-Industry Symposium: Research on Environmental Fate and Effects of Drilling Fluids and Cuttings, January 21-24, 1980 Lake Buena Vista, Florida Note: This paper is not included in the proceedings of the symposium.	Unpublished, EPS/NWT
79-0026	Humphrey, B. 1981. Dome/Canmar Oil Under Ice Experiment. A report by Arctic Laboratories Limited for Dome Petroleum Limited (Unpublished manuscript) 105 pp.	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs
79-0037	Dept. of Fisheries and Oceans, Freshwater Institute - (Unpublished Data). 501 University Cres., Winnipeg, Man.	Unpublished, Freshwater Institute
79-0039	Dept. of Fisheries and Oceans, Freshwater Institute - (Unpublished Data). 501 University Cres., Winnipeg, Man.	Unpublished, Freshwater Institute
80-0004A	Thomas, D.J., W.A. Heath, K.A. Thompson and J.M. Koleba. 1981. An Oceanographic Study of Tuktoyaktuk Harbour, Northwest Territories 1980. A report by Arctic Laboratories Limited for Dome Petroleum Limited (Unpublished manuscript) 243 pp.	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs
80-0004C	See 80-0004A	

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
80-0006	Crippen, R.W., and P.M. McKee. 1981. Baseline Biological and Chemical Study Issungnak O-61, Beaufort Sea, 1980. A report by Beak Consultants Limited (C-6472) for Esso Resources Canada Limited (Unpublished manuscript) 143 pp.	Unpublished, IOS Technical Records
80-0025	Griffiths, W.B., and R.A. Buchanan. 1982. Characteristics of Bowhead Feeding Areas. (In:) W.J. Richardson (ed.) Behavior, Disturbance Responses and Feeding of Bowhead Whales Baleana mysticetus in the Beaufort Sea, 1980-81. Report by LGL Ecological Research Associates for U.S. Bureau of Land Management (Unpublished manuscript)	Unpublished, LGL Limited
80-0031	Bond, W.A. 1982. A Study of the Fish Resources of Tuktoyaktuk Harbour, Southern Beaufort Sea Coast, With Special Reference to Life Histories of Anadromous Coregonids. Can. Tech. Rep. Fish. Aquat. Sci. 1119, 90 pp.	Public
80-0033	Thomas, D.J., W.A. Heath, J.M. Koleba, B.M. Perry and A.G. Ethier. 1982. A Study of the Benthos at Tarsiut N-44 Artificial Island and South Tarsiut Borrow Area 1980-1981. Progress Report for Dome Petroleum Ltd. by Arctic Laboratories Ltd. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs
80-0101A	Thomas, D.J., and W.A. Heath. 1982. Studies of the Benthos and Sediment Geochemistry at the Kaglulik, Uviluk and Ukalerk Exploration Sites in the Southern Beaufort Sea. A report by Arctic Laboratories Limited for Dome Petroleum Limited and Gulf Canada Resources Inc. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - Unpublished Data. P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs
80-0101B	See 80-0101A	
81-0003C	Crippen, R.W. 1983. Issungnak Oceanographic Survey, Part B: Benthic Macroinvertebrates. A report by IEC Beak Consultants Ltd. for Esso Resources Canada Limited, Dome Petroleum Limited and Gulf Canada Resources Inc. (Unpublished manuscript), 36 pp.	Unpublished, IOS Technical Records

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
81-0003C (Cont'd.)	Erickson, P. 1981. Issungnak Oceanographic Survey - Progress Report August 31, 1981. A progress report by Arctic Laboratories Limited to Esso Resources Canada Limited (Unpublished manuscript) 44 pp.	Unpublished, IOS Technical Records
	Erickson, P., D. Thomas, B. Pett, B. de Lange Boom. 1983. Issungnak Oceanographic Survey; Oceanographic Properties. Report for Esso Resources Canada Ltd., Gulf Canada Resources Inc. and Dome Petroleum Ltd. by Arctic Laboratories Ltd. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished Arctic Labs
81-0003X	See 81-0003C	
81-0003Y	See 81-0003C	
81-0005	Thomas, D.J., K. Thompson, G. Roe and W.A. Heath. 1981. A Chemical and Biological Assessment of the Environmental Impact of the 1974/1975 Experimental Oil Spills at Balaena Bay, N.W.T. (In:) Dickins, D.F., (Ed.) Return to Balaena Bay. Report by Dome Petroleum Ltd. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs
81-0009A	Heath, W.A., D.J. Thomas, J.M. Koleba, B.M. Perry, A.G. Ethier, and L. McLauchlin. 1982. The Impact of Gravel Dredging on Benthic Fauna Near Herschel Island, Yukon Territory, 1981. Report for Dome Petroleum Ltd. by Arctic Laboratories Ltd. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - Unpublished Data. P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs
81-0009B	See 81-0009A	
81-0018	See 80-0033	

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
81-0021	Heath, W.A., D.J. Thomas, J.M. Koleba, B.M. Perry, A.G. Ethier and L. McLaughlin. 1982. A Benthic Survey of a Potential Gravel Deposit Near Banks Island, Report for Dome Petroleum Ltd. by Arctic Laboratories Ltd. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic labs
81-0027	See 80-0025	
82-0093A	See 81-0003C	
82-0093B	See 81-0003C	
82-0094	Heath, W.A., and D.J. Thomas. 1984. The Impact of Gravel Dredging on Benthic Fauna Near Herschel Island, Yukon Territory, 1981-1982. A report by Arctic Laboratories Limited for Dome Petroleum Limited and Gulf Canada Resources Inc. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic labs
82-0095	Allan, R.B., and G.R. Mackenzie-Grieve. 1983. Water Quality and Biological Survey of Stokes Point and King Point, Yukon - Beaufort Sea Coast. Environmental Protection Service, Pacific Region, Yukon Branch, Regional Program Report No. 83-23, 70 pp.	Public
	Low, C.J. - Personal communication, August, 1986. 103 Milton Dr., Nanaimo, B.C.	Unpublished, C. Low
	Davidge, D. - Personal communication, August, 1986. Environmental Protection Service, Yukon District, Room 225, Federal Building, Whitehorse, Y.T., Y1A 2B5	Unpublished, D. Davidge
82-0097	Heath, W.A., and D.J. Thomas. 1983. A Study of the Benthos and Sediment Chemistry at Tarsiut N-44 Artificial Island and Substrate Borrow Areas in the Southern Beaufort Sea - 1982. A report by Arctic Laboratories Limited for Dome Petroleum Limited and Gulf Canada Resources Inc. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
82-0098	Thomas, D.J., P.F. Wainwright, B.D. Arner and W.H. Coedy. 1983. Beaufort Sea Coastal Sediment Reconnaissance Survey: A Data Report on 1982 Geochemical and Biological Sampling. A report by Arctic Laboratories Limited for Environmental Protection Service, Dome Petroleum Ltd., Esso Resources Canada Ltd. and Gulf Canada Resources Inc. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Wainwright, P.F. - Field notes (Unpublished). Current address: Seakem Oceanography Ltd., P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, P. Wainwright
	Note: At the time of publication, a report of the results of taxonomic identification to the species level was in preparation by the Environmental Protection Service, P.O. Box 370, Yellowknife, N.W.T., X1A 2N3	
82-0112	Dept. of Fisheries and Oceans, Freshwater Institute - (Unpublished Data). 501 University Cres., Winnipeg, Man.	Unpublished, Freshwater Institute
83-0046	Heath, W.A., and D.J. Thomas. 1984b. The Impact of Gravel Dredging on Benthos Near Banks Island, Northwest Territories, 1981 and 1983. A report by Arctic Laboratories Limited for Dome Petroleum Limited and Gulf Canada Resources Inc. (Unpublished manuscript)	Unpublished, IOS Technical Records
	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs
83-0047	Allan, R.B., and G.R. Mackenzie-Grieve. 1984. Water Quality and Biological Survey of the Coastal Waters Near Stokes Point, Yukon - Beaufort Sea Coast, Regional Program Report No. 84-06 Environment Canada, EPS Pacific Region, Yukon Branch.	Public
	Low, C.J. - Personal communication, August, 1986. 103 Milton Dr., Nanaimo, B.C.	Unpublished, C. Low
	Davidge, D. - Personal communication, August, 1986. Environmental Protection Service, Yukon District, Room 225, Federal Building, Whitehorse, Y.T., Y1A 2B5	Unpublished, D. Davidge
84-0023	Bernard Bourgoin - (Unpublished Data). Dept. Geology. Graduate Studies, McMaster University, Hamilton, Ont., L8S 4M1	Unpublished, McMaster U.

12.5 REFERENCES BY DATA SET (continued)

Data Set I.D.	Reference	Availability
84-0047	Davidge, D.A., and G.R. Mackenzie-Grieve. 1986. A Follow-Up Water Quality and Biological Survey of King Point and Stokes Point, Yukon-Beaufort Sea Coast. Environmental Protection Service (Pacific Region) Draft Regional Program Report	In Press, EPS/Yukon
85-0019	Archipelago Marine Research. 1985. A Diver Survey of Herring Spawning in the Finger Area of Liverpool Bay. Report for Freshwater Institute (Unpublished manuscript)	Unpublished, Freshwater Institute
86-0001	Erickson, P. 1986. Beaufort Sea Dumpsite Characterisation - Field Report. A progress report by Arctic Laboratories Limited for Environmental Protection Service, Northwest Territories District (Unpublished manuscript) File: 86-ALL-007, 13 pp.	Unpublished, Arctic Labs
86-0002	Arctic Laboratories Limited - (Unpublished Data). P.O. Box 2219, Sidney, B.C., V8L 3S1	Unpublished, Arctic Labs

APPENDIX I: ZOOBENTHIC BIOTA REPORTED IN THE STUDY AREA

The following is a complete listing of the phyla, classes and orders of zoobenthic biota reported (123 taxa) from the study area (arranged in systematic order).

Phylum	Class	Order
Annelida	Hirudinoidea	Not Specified
Annelida	Not Specified	Not Specified
Annelida	Oligochaeta	Haplotaxida
Annelida	Oligochaeta	Not Specified
Annelida	Polychaeta	Amphinomida
Annelida	Polychaeta	Capitellida
Annelida	Polychaeta	Cirratulida
Annelida	Polychaeta	Cossurida
Annelida	Polychaeta	Eunicida
Annelida	Polychaeta	Flabelligerida
Annelida	Polychaeta	Not Applicable
Annelida	Polychaeta	Not Specified
Annelida	Polychaeta	Opheliida
Annelida	Polychaeta	Orbiniida
Annelida	Polychaeta	Oweniida
Annelida	Polychaeta	Phyllodocida
Annelida	Polychaeta	Sabellida
Annelida	Polychaeta	Spionida
Annelida	Polychaeta	Sternaspida
Annelida	Polychaeta	Terebellida
Arthropoda	Arachnida	Acariformes
Arthropoda	Arachnida	Not Specified
Arthropoda	Branchiopoda	Cladocera
Arthropoda	Cirripedia	Not Specified
Arthropoda	Cirripedia	Thoracica
Arthropoda	Copepoda	Calanoida
Arthropoda	Copepoda	Calanoida
Arthropoda	Copepoda	Caligoida
Arthropoda	Copepoda	Cyclopoida
Arthropoda	Copepoda	Harpacticoida
Arthropoda	Copepoda	Not Specified
Arthropoda	Insecta	Diptera
Arthropoda	Malacostraca	Amphipoda
Arthropoda	Malacostraca	Cumacea
Arthropoda	Malacostraca	Decapoda
Arthropoda	Malacostraca	Euphausiacea
Arthropoda	Malacostraca	Isopoda
Arthropoda	Malacostraca	Mysidacea
Arthropoda	Malacostraca	Ostracoda
Arthropoda	Malacostraca	Tanaidacea
Arthropoda	Not Specified	Not Specified
Arthropoda	Ostracoda	Myodocopina
Arthropoda	Ostracoda	Not Specified
Arthropoda	Ostracoda	Podocopina
Arthropoda	Pycnogonida	Not Applicable
Brachiopoda	Articulata	Rhynchonellida

Phylum	Class	Order
Brachiopoda	Articulata	Terebratulida
Bryozoa	Gymnolaemata	Cheilostomata
Bryozoa	Gymnolaemata	Ctenostomata
Bryozoa	Gymnolaemata	Not Specified
Bryozoa	Not Specified	Not Specified
Bryozoa	Phylactolaemata	Plumatellida
Bryozoa	Stenolaemata	Cyclostomata
Chaetognatha	Sagittoidea	Aphragmophora
Chaetognatha	Sagittoidea	Not Specified
Chordata	Appendicularia	Not Specified
Chordata	Ascidiacea	Not Specified
Chordata	Ascidiacea	Phlebobranchia
Chordata	Ascidiacea	Stolidobranchia
Chordata	Enteropneusta	Not Specified
Chordata	Not Specified	Not Specified
Cnidaria	Anthozoa	Actiniaria
Cnidaria	Anthozoa	Alcyonacea
Cnidaria	Anthozoa	Ceriantharia
Cnidaria	Anthozoa	Not Specified
Cnidaria	Hydrozoa	Hydroida
Cnidaria	Hydrozoa	Not Specified
Cnidaria	Not Specified	Not Specified
Cnidaria	Scyphozoa	Not Specified
Cnidaria	Scyphozoa	Stauromedusae
Ctenophora	Not Applicable	Cydippida
Echinodermata	Echinoidea	Echinoida
Echinodermata	Echinoidea	Not Specified
Echinodermata	Holothuroidea	Apodida
Echinodermata	Holothuroidea	Dendrochirotida
Echinodermata	Holothuroidea	Not Specified
Echinodermata	Not Specified	Not Specified
Echinodermata	Stelleroidea	Forcipulata
Echinodermata	Stelleroidea	Not Specified
Echinodermata	Stelleroidea	Ophiurida
Echinodermata	Stelleroidea	Paxillosida
Echinodermata	Stelleroidea	Phrynophiurida
Echinodermata	Stelleroidea	Spinulosida
Echiura	Not Applicable	Echiuroinea
Echiura	Not Applicable	Not Specified
Hemichordata	Enteropneusta	Not Applicable
Mollusca	Caudofoveata	Chaetodermatidea
Mollusca	Gastropoda	Archaeogastropoda
Mollusca	Gastropoda	Cephalaspidea
Mollusca	Gastropoda	Gymnosomata
Mollusca	Gastropoda	Mesogastropoda
Mollusca	Gastropoda	Not Specified
Mollusca	Gastropoda	Neogastropoda
Mollusca	Gastropoda	Nudibranchia
Mollusca	Gastropoda	Thecosomata
Mollusca	Pelecypoda	Arcoida
Mollusca	Pelecypoda	Myoida
Mollusca	Pelecypoda	Mytiloida
Mollusca	Pelecypoda	Not Specified

Phylum	Class	Order
Mollusca	Pelecypoda	Nuculoida
Mollusca	Pelecypoda	Pholadomyoida
Mollusca	Pelecypoda	Pterioida
Mollusca	Pelecypoda	Veneroida
Mollusca	Scaphopoda	Gadilida
Mollusca	Solenogastres	Not Specified
Nemata	Adenophorea	Araeolaimida
Nemata	Adenophorea	Chromadorida
Nemata	Adenophorea	Dorylaimida
Nemata	Adenophorea	Enoplida
Nemata	Adenophorea	Monhysterida
Nemata	Not Specified	Not Specified
Nemertea	Anopla	Heteronemertea
Nemertea	Anopla	Palaeonemertea
Nemertea	Enopla	Hoplonemertea
Nemertea	Not Specified	Not Specified
Platyhelminthes	Turbellaria	Not Specified
Pogonophora	Pogonophora	Thecanephria
Porifera	Demospongia	Not Specified
Porifera	Demospongiae	Axinellida
Porifera	Demospongiae	Haplosclerida
Priapulida	Not Specified	Not Specified
Sipuncula	Not Applicable	Not Applicable
	Not Applicable	Not Applicable

The following is a complete listing of benthic species (1026 taxa) reported from the study area. Note that this list includes taxa which are not valid and also incorrectly identified taxa which may not actually be present.

(ABS) Ectoproct a
(ABS) Ectoproct b
(AEL) Hydroida sp. A
(AEL) Nemertea sp. A
(AEL) Polychaeta sp. A
(AEL) Polychaeta sp. B
(AEL) Polychaeta sp. C
(AEL) Porifera sp. A
(ALL) Bryozoa sp. 1
(ALL) Bryozoa sp. 2
Abietinaria sp.
Acanthonotozoma sp.
Acanthostepheia behringiensis
Acanthostepheia malmgreni
Acanthostepheia sp.
Aceroides l. latipes
Aceroides latipes
Aceroides sp.
Achelia spinosa
Actideus armatus
Actinia sp.
Admete couthouyi
Admete sp.
Aglaophamus malmgreni
Aglaophamus neotenus
Aglaophamus sp.
Alcyonidium gelatinosum
Alcyonidium sp.
Allantactis parasitica
Allia sp.
Alvania cruenta
Alvania sp.
Amauropsis purpurea Dall 1871
Amauropsis purpurea
Ammotrypane aulogaster
Ammotrypane breviata
Ammotrypane cylindricaudatus
Ampelisca eschrichti
Ampelisca macrocephala
Ampelisca sp.
Ampharete acutifrons
Ampharete arctica
Ampharete goesi Malmgren
Ampharete goesi
Ampharete sp.
Ampharete vega
Ampharete vega (Wiren)
Amphicteis glabra
Amphicteis gunneri
Amphicteis gunneri (Sars)
Amphicteis mucronata
Amphicteis sp.
Amphicteis sundevalli Malmgren
Amphicteis sundevalli
Amphisamytha bioculata
Amphitrite (Not specified)
Amphitrite groenlandica
Amphiura sp.
Anaitides maculata
Anobothrus gracilis
Anonyx lilljeborgi
Anonyx nugax
Anonyx sarsi
Anonyx sp.
Anonyx sp. af. lilljeborgi Boeck
Antinoe sarsi
Antinoella badia
Antinoella macrolepida
Antinoella sarsi Malmgren
Antinoella sarsi
Antinoella sp.
Apherusa glacialis
Apherusa jurinii
Apherusa megalops
Apheursa sp.
Aphrodita aculeata
Apistobranchus (Not specified)
Apistobranchus ornatus
Apistobranchus sp.
Apistobranchus tullbergi
Arabella semimaculata
Arabella sp.
Arcteobea anticostiensis
Arcturus beringanus
Arcturus longispinus
Argis dentata Rathbun
Argissa hamatipes
Aricidea assimilis
Aricidea lopezi
Aricidea sp.
Aricidea suecica
Arrhinopsis longicornis
Arrhis phyllonyx
Arrhis sp.
Artacama proboscidea Malmgren
Artacama proboscidea
Asabellides lineata (Berkeley)
Asabellides sibirica

Asabellides sp.
Ascidia sp.
Astarte borealis
Astarte c. crenata
Astarte crenata
Astarte montagui
Astarte sp.
Astrophiura sp.
Astyra sp.
Atretia gnomon
Atylus carinatus
Autolytus fallax
Autolytus sp.
Axinopsida orbiculata
Axinospida sp.
Axiothella catenata (Malmgren)
Axiothella catenata
Axonolaimus sp.
Azostoma sp.
Balanus balanoides
Balanus crenatus
Balanus sp.
Barantolla americana
Bathyarca glacialis
Bathymedon obtusifrons
Bathymedon saussurei
Bathymedon sp.
Beringius beringi
Beringius sp.
Boeckosimus (Beak) sp. 1
Boeckosimus (Beak) sp. 2
Boeckosimus affinis
Boeckosimus birulai (Gurjanova)
Boeckosimus birulai
Boeckosimus botkini
Boeckosimus edwardsii
Boeckosimus normani
Boeckosimus plautus
Boeckosimus sp.
Boreacola vadosa
Boreonymphon abyssorum
Boreotrophon clathratus
Boreotrophon pacificus
Brachydiastylis resima
Brada granulata
Brada inhabilis (Rathke)
Brada sp.
Brada villosa
Branchiomma infarcta
Buccinum angulosum
Buccinum ciliatum
Buccinum polare
Buccinum sp.
Buccinum tenue
Bugula sp.
Buskia sp.
Byblis gaimardi
Byblis sp.
Calanus cristatus
Calanus finmarchius
Calanus glacialis
Calanus hyperboreus
Calanus sp.
Calanus tonsus
Calliopius laeviusculus
Campanularia sp.
Campylapsis rubicunda
Campylaspis costata
Capitella capitata
Capitella sp.
Caprella sp.
Carbasea carbasea (Ellis & Solander 1/
Carbasea carbasea
Cardium ciliatum
Carinoma mutabilis
Castalia aphroditoides
Castalia sp.
Caulibugula (Not specified)
Caulibugula sp.
Centromedon calcaratus
Centromedon pumilis
Cephalothrix linearis
Cercops holbolli
Cerebratulus sp.
Cerianthus sp.
Chaetoderma sp.
Chaetozone setosa
Chaetozone sp.
Chaetozone spinosa
Cheilonereis sp.
Chelyosoma sp.
Chionoecetes opilio (O. Fabricius)
Chitinopoma fabricii
Chone duneri
Chone infundibuliformis Kroyer
Chone infundibuliformis
Chone sp.
Chromadora sp.
Cingula castanea
Cingula globulus
Cingula sp.
Cirratulus cirratus
Cirratulus sp.
Clinocardium ciliatum
Clione limacina
Clione sp.
Clymenura sp.
Cnemidocarpa rhizopus (Redikorzev)
Codakia sp.
Colus togatus

Conchoecia borealis
Conchoecia elegans
Corophium clarencense
Corophium crassicorne
Corophium sp.
Corymorpha groenlandica (Allman 1876)
Coryne sp.
Coryne tubulosa
Cossura longocirrata
Cossura soyeri
Cossura sp.
Crangon sp.
Crenella decussata
Crenella faba
Crisia sp.
Ctenodiscus crispatus
Ctenodiscus crispatus (Retzius)
Cucumaria (NORCOR) sp. 1
Cucumaria (NORCOR) sp. 2
Cumella sp.
Cuspidella sp.
Cyclocardia ventricosa
Cylichna (ALL) sp. 1
Cylichna alba
Cylichna occulta
Cylichna propinqua
Cylichna scalpta
Cylichna sp.
Cyprideis sorbyana
Cyprideis sp.
Cyprina islandica
Cyrtodaria kurriana Dunker
Cyrtodaria kurriana
Cyrtodaria sp.
Cystisella saccata (Busk 1856)
Cythereis (ABS) sp. a
Cythereis (ABS) sp. b
Cythereis (ABS) sp. c
Cythereis dunelmensis
Cythereis sp.
Cytheridea papillosa
Cytheridea sp.
Cytherura sp.
Dacridium vitreum
Delectopecten greenlandicus
Dendrodoa aggregata (Rathke)
Dendrodoa pulchella (Verrill)
Desmosoma lineare
Diaphana globosa
Diaphana minuta
Diaphana sp.
Diastylis (Beak) sp. 1
Diastylis echinata
Diastylis edwardsi
Diastylis glabra
Diastylis goodsiri (Bell, 1855)
Diastylis goodsiri
Diastylis lucifera
Diastylis oxyrhynchus
Diastylis rathkei (Kroyer, 1841)
Diastylis rathkei
Diastylis scorpioides (Lepechin, 1778)
Diastylis scorpioides
Diastylis sculpta
Diastylis serrata
Diastylis sp.
Diastylis sulcata Calman
Diastylis sulcata
Diastylis tumida
Diastyloides serrata
Diastylopsis sp.
Dicoryne conferta
Diplocirrus glaucus
Diplocirrus longisestosus
Diplocirrus sp.
Dispio sp.
Dorvillea pseudorubrovittata
Dorvillea sp.
Dorylaimus sp.
Dulichia monacantha
Dulichia porrecta
Dysponetus pygmaeus
Echiurus echiurus
Echiurus sp.
Ectinosoma neglectum
Edwardsia sp.
Enipo torelli
Ephesiella biserialis
Ephesiella minuta
Erichthonius difformis
Erichthonius hunteri
Erichthonius sp.
Ericthonius tolli
Escharella ventricosa (Hassall 1842)
Eteone (ALL) sp. 1
Eteone (ALL) sp. 2
Eteone flava (Fabricius)
Eteone longa
Eteone pacifica
Eteone sp.
Eualus gaimardi (H. Milne-Edwards)
Eualus gaimardi belcheri
Euchone analis
Euchone incolor
Euchone papillosa
Euchone papillosa (Sars)
Euchone sp.
Eucopia sp.
Eucranta villosa
Eucratea longa

Eucratea loricata (Linnaeus 1758)
Eucratea loricata
Eudendrium annulatum
Eudendrium capillare
Eudendrium sp.
Eudorella emarginata
Eudorella sp.
Eudorella truncata
Eudorella truncatula
Eudorellopsis deformis
Eugerda tenuimana
Eumenia crassa Oersted
Eumida sanguinea
Eunoe depressa
Eunoe nodosa
Eunoe nodosa (Sars)
Eunoe oerstedi Malmgren
Eunoe senta
Eunoe sp.
Euphysa tentaculata
Eurycope pygmaea
Eurystheus sp.
Euryte sp.
Euzonus (Not specified)
Exogone gemmifera
Exogone naidina
Exogone sp. (epitokus)
Exogone sp.
Exogone tartarica
Exogone verugera
Flabelligera affinis
Flabelligera mastigophora
Galathealium arcticum
Gammarocanthus loricatus
Gammaropsis maculata
Gammarus duebeni
Gammarus locusta
Gammarus oceanicus
Gammarus relictus
Gammarus setosus
Gammarus sp.
Gattyana ciliata
Gattyana cirrosa
Gersemia rubiformis
Gersemia sp.
Gitana sarsi
Gitana sp.
Gitanopsis sp.
Glossobalanus sp.
Glycera capitata
Glyphanostomum pallescens
Gnathia elongata
Gnathia sp.
Gnathia stygia
Gnathophausia sp.
Goesia depressa
Golfingia margaritacea
Gonothyraea loveni (Allman 1859)
Gorgonocephalus sp.
Grammaria stentor
Guernea nordenskioldi
Gulbarentsia sp. Stebbing
Halecium sp.
Haliclona gracilis
Halicreion longicaudatus
Halicriptus sp.
Halicriptus spinulosis
Halirages megalops
Halitholus cirratus
Hamingia arctica
Haminoea solitaria
Haminoea vesicula
Haploops laevis
Haploops sibirica
Haploops sp.
Haploops tubicola
Haploscoloplos sp.
Harmothoe extenuata
Harmothoe imbricata (Linne)
Harmothoe imbricata
Harmothoe multisetosa
Harmothoe nodosa
Harmothoe rarispina
Harmothoe sp.
Harmothoe villosa
Harpacticus uniremis
Harpinia serrata
Harpinia sp.
Harpiniopsis sp.
Hartmania moorei
Hemicythere sp.
Hemipodus borealis
Hemithiris psittacea
Heptacarpus sp.
Hesperonoe (ALL) sp. 1
Hesperonoe (ALL) sp. 2
Hesperonoe adventor
Hesperonoe complanata
Hesperonoe sp.
Heteromastus filiformis
Heteromastus sp.
Hiatella arctica
Hiatella striata
Hincksina nigrans (Hincks 1882)
Hippomedon abyssi
Hippomedon holbolli
Hippomedon propinquus
Hippomedon rylovi
Hippomedon sp.
Hippothoa hyalina (Linnaeus 1767)

Hobsonia florida
Holmesiella anomala
Hormathia sp.
Hyas coarctatus alutaceus Brandt
Hyas coarticus
Hydrobia minuta
Hymenaster pellucidus W. Thomson
Hyperia galba
Hyperia medusarum
Hyperia sp.
Hyperoche medusarum
Hyplonyx sp.
Hypoeulalia bilineata
Icasterias panopla
Icasterias panopla (Stuxberg)
Idotaega entomon
Idotaega sabini
Idotega entomon (Linnaeus)
Idunella aequicornis
Ilyarachna sp.
Ischyroceros anguipes
Ischyroceros latipes
Ischyroceros megacheir
Ischyroceros sp.
Ischyrocerus commensalis
Ischyrocerus megalops
Ischyrocerus minuta
Isocirrus longiceps
Isocirrus sp.
Jaeropsis lobata
Jaeropsis sp.
Kinetoskias arborescens Danielssen 1868
Koroga megalops
Lafoea dumosa
Lafoea gracillima (Alder 1856)
Lafoea sp.
Lafoeina maxima Levinsen 1893
Lafoeina maxima
Lafoeina tenuis
Lamprops fuscata
Lanassa nordenskioldi
Laomedea loveni
Laomedea sp.
Laonice cirrata
Laonice sp.
Laonome kroyeri
Leaena abranchiata Malmgren
Lebbeus groenlandicus (Fabricius)
Lebbeus polaris (Sabine)
Leda pernula
Leiochone polaris
Leitoscoloplos panamensis
Leitoscoloplos pugettensis
Leitoscoloplos sp.
Lembos arcticus
Lepidonotus sp.
Leptasterias groenlandica (Steenstrup)
Leptasterias polaris (Muller & Troschel)
Leptasterias polaris
Leptocheirus aberrans
Leptocheirus sp.
Leptochelia dubia
Leptocythere pellucida
Leptocythere sp.
Leptognathia (ABS) sp. a
Leptognathia (ABS) sp. b
Leptognathia (ABS) sp. c
Leptognathia (ABS) sp. d
Leptognathia (ABS) sp. e
Leptognathia (ABS) sp. f
Leptognathia gracilis
Leptognathia longiremis
Leptognathia sarsi
Leptognathia sp.
Leptostylis macrura
Leptostylis villosa
Leucon acutirostris
Leucon fulvus
Leucon nasica (Kroyer, 1841)
Leucon nasica
Leucon nasicoides
Leucon pallidus
Leucon sp.
Lichenopora verrucaria
Liljeborgia fissicornis
Lilljeborgia brevicornis
Lilljeborgia sp.
Limacina helicina
Limnocalanus macrurus
Limnocalanus macrurus grimaldi (Gulme)
Lineus gesserensis
Liocyma fluctuosa
Lophaster furcifer (Duben & Koren)
Lora harpularia
Loxoconcha sp.
Lucernia quadricornis
Lucinoma sp.
Lumbriclymene minor
Lumbriconereis fragilis
Lumbrinereis fragilis (O.F. Muller)
Lumbrinereis zonata (Johnson)
Lumbrineris fragilis
Lumbrineris latreilli
Lumbrineris minuta
Lumbrineris similabris
Lumbrineris sp.
Lumbrineris tenuis
Lumbrineris zonata
Lunatia pallida
Lyonsia arenosa

Lyonsia sp.
Lysianassa sp.
Lysianella petalocera Sars
Lysippe labiata
Macoma (ALL) sp. 1
Macoma (ALL) sp. 2
Macoma (Not specified)
Macoma balthica
Macoma calcarea
Macoma crassula
Macoma inconspicua
Macoma loveni
Macoma moesta
Macoma sp.
Macoma torelli
Macrostylis spinifera
Maera loveni
Malacoceros fulginosus
Malacoceros sp.
Maldane glebifex
Maldane sarsi Malmgren
Maldane sarsi
Maldane sarsi sarsi
Maldane sp.
Margarites costalis
Margarites groenlandicus
Margarites helicinus
Margarites olivaceous
Margarites sp.
Margarites umbilicalis
Mediomastus capensis
Mediomastus sp.
Melaenis loveni Malmgren
Melaenis loveni
Melinna cristata
Melinna cristata (Sars)
Melinna elizabethae
Melinnampharete sp.
Melita dentata
Melita formosa
Melita sp.
Membranipora serrulata (Busk 1878)
Membranipora sp.
Menigrates sp.
Mertensia ovum
Mesidotea entomon (Linnaeus)
Mesidotea entomon
Mesidotea sabini (Kroyer)
Mesidotea sabini
Mesidotea sibirica
Mesidotea sp.
Metopa alderi
Metopa borealis
Metopa bruzelli
Metopa longicornis
Metopa pusilla
Metopa sinuata
Metopa sp.
Metopella nasuta
Metopella neglecta
Metopella sp.
Metridia glacialis
Metridia longa
Metridia sp.
Metridium sp.
Microclymene sp.
Micromaldane orthinochaeta
Micromaldane sp.
Micronephthys minuta
Micronepthys sp.
Micropodarke dubia
Micrura sp.
Molgula grittithsii (MacLeay)
Molgula siphonalis (Sars)
Molgula sp.
Monoculodes borealis
Monoculodes latimanus
Monoculodes longirostris
Monoculodes sp.
Monoculoides borealis
Monoculoides longirostris
Monoculoides pallidus
Monoculopsis longicornis
Montacuta maltzani
Munna kroyeri
Munna sp.
Munnopsis typica
Musculus corrugatus
Musculus discors
Musculus discrepans
Musculus laevigatus
Musculus niger
Musculus sp.
Mya arenaria
Mya pseudoarenaria
Mya sp.
Mya truncata
Myriochele heeri Malmgren
Myriochele heeri
Myriotrochus rinki
Myriotrochus sp.
Myselia tumida
Mysis littoralis
Mysis relicta
Mysis sp.
Mysis sp. af. relicta Loven
Mystides borealis
Mystides sp.
Mytilus edulis
Nainereis quadricuspida

Nainereis quadricuspidata (Fabricius)
Natica clausa
Neoamphitrite groenlandica (Malmgren)
Neomysis mercedis
Nephthys (Aglaophamus) malmgreni Theel
Nephtys (ALL) sp. 1
Nephtys (ALL) sp. 2
Nephtys ciliata
Nephtys cornuta
Nephtys cornuta cornuta
Nephtys cornuta franciscana
Nephtys longosetosa
Nephtys minuta
Nephtys paradoxa
Nephtys punctata
Nephtys sp.
Neptunea heros
Neptunea sp.
Nereida sp.
Nereimyra aphroditoides
Nereimyra sp.
Nereis pelagica
Nereis sp.
Nereis zonata Malmgren
Nereis zonata
Nerinides sp.
Nicolea sp.
Nicolea zostericola
Nicomache lumbricalis
Nicomache minor
Nicomache quadrispinata
Nicomache sp.
Notoproctus oculatus
Nucula bellotii
Nucula mirabilis
Nucula pernula
Nucula sp.
Nucula tenuis
Nuculana minuta
Nuculana pernula
Nymphon grossipes Kroyer
Nymphon grossipes
Nymphon grossipes mixtum Kroyer
Nymphon hirtipes
Nymphon longitarse
Nymphon sp.
Obelia longissima
Obelia longissima (Pallas 1766)
Obelia sp.
Oenopota arctica
Oenopota cf. cinerea
Oenopota cinerea
Oenopota decussata
Oenopota elegans
Oenopota insicula
Oenopota novajasemliensis
Oenopota reticulata
Oenopota sp.
Oenopota turricula
Oncaea sp.
Onisimus edwardsii
Onisimus glacialis
Onisimus litoralis
Onisimus normani
Onisimus plautus
Onisimus sp.
Onisimus turgidus
Onuphis conchylega
Onuphis conchylega Sars
Onuphis quadricuspis
Operculariella lacerata (Johnston 1847)
Ophelia limacina
Ophelina acuminata
Ophiacantha bidentata
Ophiocten sericeum
Ophiocten sp.
Ophiopleura borealis
Ophiura robusta
Ophiura sarsi
Ophryotrocha sp.
Ophyrotrocha puerilus
Orbinia sp.
Orchomene (ALL) sp. 1
Orchomene amblyops
Orchomene pinguis
Orchomene serrata
Orchomene sp.
Orchomenella minuta
Orchomenella sp.
Owenia fusiformis
Oxydeomus sp.
Pagurus sp.
Pandalus annulicornis
Pandalus borealis
Pandora glacialis
Pandora sp.
Paradulichia typia
Parajassa pelagica
Paralibrotus setosus
Paramphithoe (ALL) sp. 1
Paramphithoe (ALL) sp. 2
Paramphithoe boeckii
Paramphithoe polyacantha
Paraonella sp.
Paraonella spinifera
Paraonis (ABS) sp. b
Paraonis gracilis
Paraphoxus oculatus
Parathemisto abyssorum
Parathemisto libellula

Pardaliscella malygini
Pardaliscella sp.
Paroediceros intermedius
Paroediceros lynceus
Paroediceros propinqrus
Paroediceros sp.
Paroediceros sp. Sars
Paronesimus barentsi
Pecten sp.
Pectenaria (Not specified)
Pectinaria auricoma
Pectinaria granulata
Pectinaria hyperborea
Pectinaria sp.
Pelonaia corrugata
Pelonaia sp.
Peloscolex sp.
Perigonimus sp.
Perigonimus yoldia-arcticae
Perioculodes sp.
Periploma abyssorum
Petaloproctus tenuis
Petaloproctus tenuis (Theel)
Phakettia bowerbanki
Phascolion strombi
Phascolosoma abyssorum
Phascolosoma eremita
Phascolosoma glaciale
Phascolosoma margaritaceum
Phascolosoma sp.
Philine finmarchia
Philine lima
Philine quadrata
Philine sp.
Philomedes globosus
Philomedes sp.
Pholoe minuta
Pholoe sp.
Photis reinhardi
Photis sp.
Phoxocephalopsis sp.
Phoxocephalus holbolli
Phyllodoce (Anaitides) groenlandica Oersted
Phyllodoce citrina
Phyllodoce groenlandica
Phyllodoce mucosa
Phyllodoce sp.
Pista cristata
Pista flexuosa
Pista maculata
Pista sp.
Pleurogonium spinosissmum
Pleuroprion intermedium
Pleustes panoplus
Pleustes sp.
Pliciticus kroeyeri
Podoceropsis sp.
Polycirrus medusa
Polydora aggregata
Polydora caeca
Polydora caulleryi
Polydora ciliata
Polydora pygidialis
Polydora quadrilobata
Polydora sp.
Pontaster tenuispinus (Duben & Koren)
Pontogeneia inermis
Pontophilus norwegicus
Pontoporeia affinis Lindstrom
Pontoporeia affinis
Pontoporeia femorata Kroyer
Pontoporeia femorata
Pontoporeia litoralis
Pontoporeia sp.
Poraniomorpha bidens Mortensen
Poraniomorpha tumida (Stuxberg)
Portlandia arctica
Portlandia arctica aestuariorum
Portlandia frigida
Portlandia intermedia
Portlandia lenticula
Portlandia sp.
Portlandia sulcifera
Portlandia yoldiella
Potamilla neglecta
Praxillella affinis
Praxillella gracilis
Praxillella praetermissa (Malmgren)
Praxillella praetermissa
Praxillella sp.
Praxillura longissima
Priapulid sp.
Priapulus bicaudatus
Priapulus caudatus
Priapulus sp.
Prionospio (ALL) sp. 1
Prionospio (ALL) sp. 2
Prionospio cirrifera
Prionospio malmgrenis
Prionospio sp.
Prionospio steenstrupi
Priscillina armata Boeck
Priscillina armata
Priscillina monocuspis
Proclea graffi
Propeamussium groenlandicum
Propebela sp.
Protodorvillea sp.
Protoglossus sp.

Protomedia fasciata
Protomedia grandimana
Protomedia sp.
Pseudocalanus sp.
Pseudolibrotus litoralis
Pseudomma sp.
Pseudoscalibregma longisetosum
Pseudoscalibregma sp.
Pseudotanais macrocheles
Pteraster obscurus (Perrier)
Pteraster sp.
Pygospio (ALL) sp. 1
Pygospio elegans
Retusa obtusa
Retusa pertenuis
Retusa sp.
Rhachotropis sp.
Rhachtropis helleri
Rhizomolgula globularis
Rhizomolgula globularis (Pallas)
Rhodine loveni
Sabella media
Sabella sp.
Sabellides borealis
Sabellides octocirrata
Sabellides sp.
Sabinea septemcarinata
Sabinea septemcarinata (Sabine)
Saccoglossus sp.
Sagitta elegans
Sarsia sp.
Saxicava arctica
Scalibregma inflatum
Scaphander punctostriatus
Scaphander sp.
Scionella japonica
Sclerocrangon boreas Phipps
Sclerocrangon ferox G.O. Sars
Scolecolepides (Not specified)
Scolecolepides sp.
Scolelepis sp.
Scoloplos armeceps
Scoloplos armiger
Scoloplos robustus
Scoloplos sp.
Scrupocellaria sp.
Serripes groenlandicus
Sertuarella sp.
Sertularella tricuspidata (Alder 1856)
Sertularia plumosa
Sertularia similis Clark 1876
Sertularia sp.
Siphonodentalium lobatum
Smittina majuscula (Smitt 1867)
Solariella obscura
Solaster papposus (L.)
Solaster papposus
Sphaerodoropsis (Beak) sp. 1
Sphaerodoropsis (Beak) sp. 2
Sphaerodoropsis biserialis
Sphaerodoropsis minuta
Sphaerodoropsis sp.
Sphaerodorum gracile
Sphaerolaimus sp.
Sphaerosyllis brandhorsti
Sphyrapus anomalus
Spio cirrifera
Spio filicornis (Muller)
Spio filicornis
Spio sp.
Spiochaetopterus typicus
Spiochaetopterus typicus Sars
Spiophanes berkeleyorum
Spiophanes ushakovi
Spirontocaris phippsi Kroyer
Spirontocaris spinus (Sowerby)
Spirorbis borealis
Spirorbis spirorbis
Stauronereis caecus
Stegocephalus inflatus
Stegophiura (ALL) sp. 1
Stenopluestes malmgreni
Stenopluestes sp.
Sternaspis scutata
Stomatopora sp.
Stomphia sp.
Strongylocentrotus drobachiensis
Strongylocentrotus sp.
Styela coriacea (Alder & Hancock)
Styela rustica (Linnaeus)
Stylarioides plumosus
Syllis cornuta
Synidotea angulata
Synidotea berolzheimeri
Synidotea bicuspida
Synidotea sp.
Tachyrhynchus erosus
Tachyrhynchus reticulatus
Tauberia gracilis
Tealia sp.
Tegella armitera (Hincks 1880)
Tegella armifera
Terebellanice sp.
Terebellides sp.
Terebellides stroemi
Terebellides stroemi Sars
Tetrastemma (Not specified)
Tharyx (ALL) sp. 1
Tharyx (ALL) sp. 2
Tharyx acutus

Tharyx multifilis
Tharyx sp.
Thelepus cincinnatus
Thelepus sp.
Thermisto abyssorum
Thracia devexa
Thracia myopsis
Thracia sp.
Thyasira gouldii
Thyasira sp.
Thysanoessa raschii
Tmetonyx cicada
Travisia forbesii
Travisia sp.
Trichobranchus glacialis
Trichotropis borealis
Trichotropis sp.
Tritella sp.
Trochochaeta carica
Trochochaeta multisestosa
Trochochaeta sp.
Tryphosa angulata
Tryphosa nanoides
Tryphosa sp.
Tryphosa triangulata
Tryphosella nanoides
Tryphosella schneideri
Tryphosella sp.
Tubificoides sp.
Tubularia regalis Boeck 1860
Tubularia regalis
Typhlotanais finmarchicus
Urasterias lincki (Muller & Troschel)
Urasterias lincki
Volutopsius (ALL) sp. 1
Westwoodilla brevicalar
Westwoodilla caecula
Westwoodilla megalops
Weyprechtia heuglini
Weyprechtia pinguis
Weyprechtia sp.
Xanthocalanus borealis
Yoldia h. hyperborea
Yoldia hyperborea
Yoldiella fraterna
Yoldiella frigida
Yoldiella intermedia
Yoldiella lenticula
Yoldiella tamara

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